



REGULATIONS AND PROCEDURES
TO CONTROL PROHIBITED SUBSTANCES
IN RACING PIGEONS IN
THE REPUBLIC OF SOUTH AFRICA

“THE MANUAL”

PREFACE

As a result of its affiliation with NOCSA, SANPO is bound to give serious attention to the establishment of regulations and procedures to control prohibited substances in racing pigeons in the Republic of South Africa.

SANPO has accomplished this by the creation and compilation of this Manual. This Manual was approved by NOCSA on 16 November 2004. Its use and application will, notwithstanding the measures set out in the Manual, be explained to pigeon fanciers in an exceptionally practical video format.

While the above process was under way the South African Government signed the World Anti-Doping Code. Article 16 of the Code, which refers to doping control for animals competing in sport, stipulates -

“16.1 In any sport that includes animals in competition, the International Federation for that sport shall establish and implement anti-doping rules for the animals included in that sport. The anti-doping rules shall include a list of Prohibited Substances, appropriate testing procedures and a list of approved laboratories for sample analysis.

16.2 With respect to determining anti-doping rule violations, results management, fair hearings, consequences and appeals for animals involved in sport, the International Federation for that sport shall establish and implement rules that are generally consistent with Articles 1, 2, 3, 9, 10, 11, 13 and 17 of the Code.”

Without sounding pompous SANPO is sincerely proud that its initial actions were in line with developments and events worldwide and that today SANPO complies with the requirements laid down by the World Anti-Doping Code.

Through this Manual, SANPO binds itself anew, not only to fair and reasonable competition between its members, but also to the welfare and protection of the racing pigeon in general.

THE USE OF THIS MANUAL IS COMPULSORY FOR ALL SANPO MEMBERS

Section 1 – Prohibited Substances

1.1 Substances, which are prohibited in pigeon racing in the Republic of South Africa

It is important that pigeons do not participate in racing while injured, ill or while having an unfair performance advantage. In this light the main drug classes, which need to be controlled, are those which mask injury and pain, those that could improve athletic performance, and substances which interfere with the analysis of the sample.

As can be seen from the above, there is much function in the selection of the drugs, which are prohibited in pigeon racing. Without control of these drugs not only the integrity of the sport, but the health of the pigeon is compromised, possibly to the level of cruelty to the pigeon.

It will be noted that many drug classes are not prohibited for racing pigeons. Many of these are drugs, which can (with correct treatment) only have beneficial effects to the injured, infected or ill pigeon such as anti-bacterial (e.g. Antibiotics) and anti-viral preparations. However, the effects of different drugs and drug types are constantly being researched and the list of prohibited drugs can be changed at any time by SANPO, but always with ample warning to the pigeon fancier.

Note that salt and esters of the drugs within the drug classes given below (e.g. diclofenac sodium and testosterone decanoate) are also prohibited.

1.1.1 Drugs masking injury and pain

These are drugs, which prevents the pigeon from experiencing the full extent of injury in that they have painkilling properties. Experiencing injury is important as it prevents the pigeon from aggravating the injury through exercise and strain.

1.1.1.1 Narcotic Analgesics (Opiates)

These are drugs with very potent pain relieving properties, which depress the central nervous system, often related in structure to morphine. With the use of these drugs there is a decrease in the perception of pain from injury, resulting in exercise and exertion, which could aggravate the injury.

1.1.1.2 Analgesics

Analgesics relieve pain by increasing the pain threshold. With the use of these drugs the onset of injury and injury in itself may not be perceived. Note that these may be contained in couch medicines.

1.1.1.3 Non-steroidal anti-inflammatories (NSAID's)

Inflammation is a natural process of healing, which is most visible as swelling and redness. It is most often observed in muscle tissue, which has been injured through exercise or strain. Non-steroidal anti-inflammatories reduce the pain of inflammation, often resulting in too much exercise considering the injury and often leading to further injury and possibly permanent muscle damage.

1.1.1.4 Corticosteroids

Corticosteroids have many effects, among others the same anti-inflammatories effects as the non-steroidal anti-inflammatory drugs. They differ from the latter drug classes in that they possess a steroid structure. These synthetic compounds can be identical in structure to naturally occurring corticosteroids (e.g. hydrocortisone) or related in structure.

1.1.2 Drugs improving athletic performance

These drugs improve the athletic ability of the pigeon and can be endogenous (naturally occurring

in the body) or non-endogenous substances. Some of the drugs have in themselves an effect while others induce physical changes to the body, or induce changes in the level of endogenous compounds.

1.1.2.1 Bronchodilators

These drugs include the important sub-class of beta-blocker drugs (adrenoreceptor stimulants). These have the effect of dilating (widening, relieving constriction) the bronchial passages. The widening of bronchi increase the air and oxygen transport potential of the lungs, which can be performance enhancing under specific conditions.

1.1.2.2 Anabolic steroids

These compounds have anabolic effects on the body. These synthetic compounds can be identical in structure to naturally occurring anabolic steroids (e.g. testosterone) or related in structure. The effect of these drugs, are most often not immediate and long-term treatment is often required. The resultant effect is that of an increase in muscle mass compared to fat. A more muscular pigeon could have a performance advantages under certain exercise conditions.

1.1.2.3 Synthetic Hormones

This drug class refers mainly to synthetic protein hormones (e.g. chorionic gonadotrophin, erythropoietin, growth hormone and insulin), which are similar in structure to endogenous hormones. In the pigeon these synthetic compounds mimic the action of the natural hormones and in effect increase the levels of the last- mentioned. Such increases often disturb the delicate biochemical balance of the body and incorrect treatment can be very detrimental to the pigeon. While these synthetic hormones are mostly designed for human use some of these can be very harmful to pigeons, resulting in strong immune responses, heart attacks and death. The most significant hormones in this class include the synthetic human analogues of insulin (regulates carbohydrate metabolism), growth hormone (has anabolic effects and promote growth) and erythropoietin (stimulates an increase in mature red blood cells).

1.1.2.4 Drugs acting on the nervous system

Some drugs acting of the nervous system can enhance performance through physical and psychological effects.

1.1.2.4.1 Stimulants

Stimulants enhance physical and psychological performance. Heart rate and blood pressure can increase and the risk of cerebral haemorrhage (stroke) and cardiac arrest is increased. Note that caffeine is contained in coffee and tea and theobromine in cocoa products.

1.1.3 Interfering Compounds

These are compounds, which do not necessarily have an effect on the body but which is administered with the purpose to purposefully interfere with the isolation and detection of prohibited drugs in the pigeon. Such compounds are often also referred to as "masking agents".

1.2 List of Prohibited Substances Registered for Racing Pigeons in South Africa (ANNEXURE 13)

SANPO will from time to time draw up a list of prohibited substances and will publish such a list.

Section 2 – The Improper Use of Prohibited Substances

2.1 With the expression improper use of prohibited substances in racing pigeons is meant exposure of racing pigeons to prohibited substances, of whatever nature found to be harmful to racing pigeons or that may be expected to be harmful in excessive quantities and/or concentrations. Prohibited substances prescribed by a veterinarian as a medicine or medical treatment shall be excluded as a violation in as far as sick or diseased pigeons only are concerned and will be subject to a quarantine period and certification. However the organisation in special circumstances may have

samples collected from such treated pigeons to confirm that the medicines and substances prescribed are indeed those certified.

- 2.2 The administration of prohibited substances with the purpose of influencing the performance of the racing pigeon participating in or being prepared for participation in a race, or in a training flight, shall be regarded as an improper use and shall be prohibited. Further participation in races and in training flights, with pigeons that have had such prohibited substances administered to them, is likewise prohibited.
- 2.3 The owner of racing pigeons hereinafter referred to as the “fancier” will at all times be held responsible, whenever the improper use of prohibited substances is administered to his pigeons.

Section 3 – Medical Treatment

- 3.1 Racing pigeons under medical treatment with prohibited substances such as determined in Section 1 may not participate in races or training flights of the organisation and are to be isolated from the fancier’s other pigeons participating in the organised races.
- 3.2 Pigeons that have participated in races or training flights may not be treated with any of the prohibited substances referred to in Section 1 during the 3 day period after closure of the race as they are subject to sample collection.
- 3.3 Should prohibited substances be prescribed by a veterinarian as necessary medical treatment then the relevant pigeons are to be isolated for a prescribed period as determined by the veterinarian after treatment and in which period they will not be raced. The medical treatment will be reflected in a certificate indicating pigeon ID details, the prohibited substance prescribed as well as the period of withdrawal from the race loft and race participation. A copy of the prescription or treatment is to be kept by the fancier and submitted to the organisation or its representative on demand. These pigeons are not to be housed within the race loft. The *race loft* refers to that accommodation wherein a fancier houses his pigeons that participate in the organised races for the current racing season. Over and above the treatment period a further isolation period equal to 21 days is enforced where such listed pigeons are withdrawn from any race till this period expires. Should the fancier be a veterinarian then a certificate must be obtained from an independent veterinarian. The fancier will deliver this certificate in person to the organisation. If any medical treatment is taking place at the time of the sampling, then a medical certificate is to be exhibited at the sampling exercise. The contents and details are to be mentioned in the “Sampling Report” ANNEXURE 5.
- 3.4 Medical treatment with prohibited substances such as determined in Section 1 for racing pigeons in organised races is no reason for a positive result. It constitutes a violation and is subject to a disciplinary hearing and penalties.
- 3.5 This Section is not applicable to international, national or one loft organisations where under veterinarian supervision and discretion the entire race loft could be treated with products that contain a prohibited substance to ensure their good health or the prevention of illness. All pigeons in this case will test positive for the same substances, which is deemed as a fair practice and in the best interests of the organised race or training flight.

Section 4 – Sampling

- 4.1 Declaration of Compliance (ANNEXURE 1)
 - 4.1.1 At the start of each racing pigeon season a written declaration, ANNEXURE 1, by all fanciers will be signed wherein compliance to the Manual is declared and that the aims and contents of the Manual are understood and that all procedures contained therein will be adhered to should a sample collection be taken at anytime and anywhere from any of their pigeons whether participating in organised races or not.
 - 4.1.2 That according to Section 3 their racing pigeons will not undergo medical treatment, with prohibited substances within 3 days after closure of a race.

- 4.1.3 The fancier will also declare that he/she will in his/her absence during an instructed sampling of his pigeons appoint a representative to be present at the collection site or race loft and allow access to the lofts and pigeons and supply to the organisation a list of his registered birds. The fancier's duly appointed representative or assistant is hereinafter included and referred to as the "fancier".
- 4.1.4 The declaration by fanciers will also include that they co-operate to assist the organisation to control the improper use of prohibited substances in terms of the Manual, in order to promote the sport.
- 4.1.5 In the same spirit that pigeons are entrusted and cared for and released on time in good faith by the designated conveyor and representative of the organisation so too are the procedures determined in this manual to be declared as reasonable and fair by every fancier.
- 4.1.6 In terms of Section 4.1.5 the spiking of a fancier's pigeons on route to the race is unreasonable and that such allegation will be disregarded in terms of the conditions and the wherewithal fanciers also accept the transport and care of their pigeons to the race point provided by the organisation.
- 4.2 Authorisations to undertake sampling (ANNEXURE 3)
- 4.2.1 Every club / organisation / institution (from hereon referred to as the "organisation") or any umbrella organisation of such organisation affiliated with SANPO is authorised and obliged to have samples taken of the faeces and urine of a fancier's racing pigeons, at anytime and anywhere, in order to trace the improper use of prohibited substances in accordance to Article 16 of the World Anti-Doping Code that the South African Government signed regarding animals in sport.
- 4.2.2 Any organisation may explicitly and in writing order sampling and / or any further sampling. Simultaneously the organisation will make an entry in the register (ANNEXURE 2) quoting the Fancier's SANPO Membership Number and issuing a Docket number (ANNEXURE 4).
- 4.2.3 Sampling, will take place under the responsibility and supervision of the organisation by specially appointed sample collectors (at least two) and always after having been instructed by the management committee of such an organisation. Sampling shall be done according to the Manual as determined in Sections 4 and 5.
- 4.3 Co-operation, Responsibilities, Obligations and Instructions
- 4.3.1 At least two authorised sample collectors shall jointly undertake sampling as indicated within the order of the organisation as per ANNEXURE 3 whether at the race lofts of the owners, owner's baskets, special pens at the clubhouse or hall, or from transport panniers or baskets at organised race liberation.
- 4.3.2 The sample collectors appointed by the Management Committee of the organisation must possess acceptable proof of identification, such as a passport, driver's licence or identity document and the written order of appointment by the organisation as per ANNEXURE 3.
- 4.3.3 In an event at the fancier's race loft where racing pigeons are undergoing veterinary treatment or being treated medically with prohibited substances listed in Section 1, in a separate sick bay, loft, pen or basket, the sample collectors will be supplied with a copy of the veterinary statement by the fancier in order to record such information of treatment in the sampling report as determined in Sections 3 and 4.
- 4.3.4 The sample collectors are not permitted to take samples of the isolated pigeons being treated medically on the instruction of a veterinarian, unless specific orders by the organisation are given.
- 4.3.5 Members of the organisation shall give total co-operation in sampling as declared and shall, in terms of the Manual, give access to their racing pigeons to be inspected, and allow all procedures stipulated in the Manual to be executed, as agreed upon in the declaration of compliance ANNEXURE 1 and Section 4.3
- 4.3.6 Every fancier is advised to keep a diary of products that is administered to his race loft inmates on a

weekly basis and of the dosage, etc. This information would be very valuable in determining the unlikely, but possible introduction of prohibited substances for which the fancier is unaware, in which case the fancier would have to consult with the manufacturer of the product.

- 4.3.7 After the sampling procedure is completed, sample collectors will inform the organisation that has instructed them that the instructed sampling was executed and submit the reporting documents ANNEXURE 5 known as the Sampling Report.
- 4.4 Interaction with fanciers where samples are collected
 - 4.4.1 According to the type of sampling and the time of collection, sample collectors will inform the fancier as to their instruction from the organisation as to what the specific requirements and actions the sampling will involve. They will present the pigeon fancier with the authorisation document and an identification document, should the fancier request it or not.
 - 4.4.2 Sample collectors will respect the property and rights of the fancier and will conduct themselves in a professional, dignified and co-operative manner.
 - 4.4.3 After the collection the organisation will inform the fanciers that the samples are to either couriered to the Laboratory of The National Horseracing Authority of Southern Africa for testing or, kept on hold under frozen conditions at the club or in a secure freezer facility should it be required at a future date.
- 4.5 Sample collecting kits and precautionary measures
 - 4.5.1 Instruments and equipment used for the collection of faecal samples required for detecting the presence of prohibited substances will be supplied by the organisation.
 - 4.5.2 The official sampling kit and accessories must be kept clean and cautiously utilised to ensure successful testing, the elimination of cross contamination and the integrity of the sample.
 - 4.5.3 Kits and equipment dependent on the type of sample required could include pigeon baskets, pens, sealed specimen bottles, labels, wooden spatulas, gloves, plastic sheeting, metal seals, sealing wire, sealable security bags, stationery and documentation which must be prepared and completed during the sampling procedure. The Organisation will arrange for non-absorbent sheeting, preferably plastic, to line the floor of the basket.
 - 4.5.4 A new sampling kit made up by the organisation will be opened for each individual fancier's sample collection to avoid cross contamination and the presence of the fancier is required in opening the sampling kit bags and observing the sampling procedure so as to eliminate any allegation of spiking. The fancier will sign for the receipt and verification of a kit that was intact. (ANNEXURE 5)
 - 4.5.5 Instruments and equipment for the sampling kits will be pre-purchased by the organisation from SANPO.
 - 4.5.6 A prepaid postal bag that allows 1kg of contents will also be supplied by the organisation.
- 4.6 General Guidelines for samples applicable to all collections
 - 4.6.1 In every case the relevant or selected pigeons need to be separated from the racing loft into a basket supplied by the fancier.
 - 4.6.2 The ring ID and numbers of these pigeons must be noted on the relevant "Sampling Report" form (ANNEXURE 5).
 - 4.6.3 If more than one sample needs to be collected such as a water sample then the same procedure mentioned above is repeated. Samples of drinking water are usually only taken when the fancier has NOT been informed ahead of time of the instructed sampling exercise or collection.
 - 4.6.4 Whilst waiting for the collectable faeces samples, during sampling, collectors complete the forms

and labels. Any direct information forwarded to the laboratory linking the pigeons or their owners to the samples is prohibited.

- 4.6.5 When the bottles are filled and sealed, the labels completed and the seal numbers are recorded, the fanciers or authorised representative may wish to make any remarks about the sampling proceedings or deviations on the "Sampling Report" ANNEXURE 5 form or allow the sample collectors to note these on the form on his behalf. The sample collectors and the owner sign the Sampling form after ensuring all the required data has been entered correctly and that the declarations have been made.
- 4.6.6 Should the fancier or his representative or a special appointed observer refuses to sign as witness to the collection, the sample collectors record these facts and their reasons for their refusal and sign the Sampling Report ANNEXURE 5, accordingly.
- 4.6.7 If samples of faeces are taken before/during the transport of pigeons to a race or after the race liberation, then, instead of the owner, two special observers appointed by the organisation controlling the race, shall see that the sampling is done in accordance with the Manual and the specific written order. The observers sign the "Sampling Report" form (ANNEXURE 5). The organisation / fanciers will then be informed about the sampling that was carried out, by or on behalf of the Executive of the organisation.
- 4.6.8 The first sample bottle "A" / "Original" with the sample of faeces is intended for the analysis. The bottle "B"/ "Reference" is intended for the counter-analysis and shall be retained and stored for safekeeping by the laboratory until after the stipulated period for a counter-analysis has expired.
- 4.6.9 Both sealed sample bottles, accompanied by an ice pack in the sealed security bag, shall be placed together with a copy of the sample docket and the deposit slip, in the prepaid postal bag.
- 4.6.10 If samples in the security bag(s) are not to be kept "on hold" as prescribed by Section 5.1.1.2 and are awaiting the first possible delivery, they are to be kept in a freezer until collected safely and delivered to the appointed laboratory referred to in Section 6, by courier or the postal service on a counter to counter basis.
- 4.6.11 The laboratory must supply confirmation data as to the receipt of the samples and their suitability for testing. This includes the condition of the security bag numbers, the sample bottle and seal numbers, the condition of the bottles, sample contents, seals, etc and sample docket information as stipulated in Section 4.7.
- 4.6.12 The laboratory cannot accept for its analysis procedure any pair of sample bottles, which contains less than 1 heaped teaspoon of collected faeces per sample bottle.
- 4.7 Sample Docket and Numbering (ANNEXURE 4)
- 4.7.1 The sample docket contains only that information required by the laboratory that secures the intactness and identity of samples to be analysed. A unique number is allocated to each sample docket (hereinafter referred to as the docket). This number has to be copied onto each document, security bag or label that relates to the same sample docket. A register ANNEXURE 2 must be kept of the sequential numbering of samples undertaken and their present status in the course of their utilisation or retention. Any sample docket, document, label, etc. accompanying samples for analysis may not reflect any data that bears reference to the pigeons involved or to their owners. The sample docket is the only reference and identity document that connects each sample with the organisation and the laboratory.
- 4.7.2 The sample docket number contains the following information the name of the relevant organisation, e.g. PSPU
- the code of 3 initials of the name of one of the two authorised sample collectors
 - that performed the sampling, e.g. ABC
 - the date, e.g. 12/07/04
 - The sequential whole number (determined by the next entry in the register of the organisation) 1,

2, 3.....n, etc.

Example PSPU-ABC-12/07/04-1. This would be the first sample recorded for the year by the organisation in the register.

4.7.3 If more than one sample is taken at a fancier's loft (e.g. faeces and drinking water) which determine the 2nd and 3rd samples for the year, **then two reports** have to be completed with **individual sample docket numbers respectively**

- **PSPU-ABC-12/07/04-2** would be the second recorded sample for the year.
- **PSPU-ABC-12/07/04-3** would be the third recorded sample for the year.

4.7.4 The docket should be completed in duplicate. One copy is retained by the Organisation and the other sent to the Laboratory with the sample.

4.7.5 A copy should be faxed to the Laboratory as prior notification of arrival of the samples. The laboratory will acknowledge receipt on arrival of the samples.

4.8 The Sampling Report (ANNEXURE 5)

4.8.1 A report is made of each sample collected. The fancier writes his own remarks on the sampling report.

4.8.2 The fancier signs that the sampling kit was intact at the start of the sampling procedure.

4.8.3 **If two samples** are taken at the same fancier (e.g. faeces and drinking water), **two reports need to be filled in**, with separate sample docket numbers.

4.8.4 Such a report contains

- (a) for each sample, the docket number.
- (b) the name and residential address of the fancier being inspected or the address of the loft location should it differ.
- (c) the date and place of sampling.
- (d) the identity of the sample collectors.
- (e) the remarks (deviation report) in writing and signature of the fancier present at the sampling procedure.
- (f) the remarks of the sample collectors and their signatures.
- (g) the numbers allocated on the security bags.
- (h) the ID and ring numbers of the pigeons investigated that were isolated.
- (i) the metal seal numbers used to seal the specimen bottles "A" and "B".
- (j) the deviation report of each observer where appointed.
- (k) a medical certificate copy or detail if pigeons are being treated in the interim.
- (l) the basket number if a race pannier of pigeons are sampled.
- (m) a "Water" or "Faeces" sample, Pre -race, Post - race or Random procedure.

4.8.5 The report is completed in triplicate. The original for the organisation's Sampling Report file and two copies to be kept on a temporary file pending the outcome of the analysis. One copy will be forwarded to the fancier as an Addendum when a positive analysis is returned and the second will be forwarded to SANPO. The fancier uses the information entered to affirm the details for the counter analysis specimen should he choose a counter analysis

4.8.6 To ensure anonymity, the laboratory must not be sent a copy.

Section 5 – Sample Collection Procedures

5.1 Organisation

5.1.1 Pre-race Procedures

Before pigeons undertake an organised race, pre-race sampling can be undertaken on the race marking night, entry or basketing. It is recommended that sampling of faeces from all or selected fanciers' pigeon baskets, be undertaken, on selected basketing evenings when deemed necessary by the organisation and that the collected samples either be forwarded for analysis immediately or frozen and securely retained on hold in a freezer, for analysis on a future date.

Sampling at liberation is reckoned as pre-race sampling when selected race panniers are sampled immediately after liberation.

With pre-race sampling the fancier is informed about the instruction to be executed at the club and race entry premises. The fancier's basket is retained immediately as he leaves the basketing hall and sampling is undertaken in the manner described in Section 5.1.1.1.

Water from drinking troughs and storage tanks can also be taken at the clubs or at the liberation point when the pigeons are given water before liberation.

- 5.1.1.1 Basketing evenings When immediate testing is required
 - 5.1.1.1.1 It is recommended that the fanciers' baskets in which the fancier brings his / her pigeons to the clubhouse to enter the race always be cleaned before they are brought to the clubhouse.
 - 5.1.1.1.2 The order is issued by the organisation as determined per ANNEXURE 3 as to which fanciers' baskets are to be sampled and a simultaneous entry is to be made in the Sampling Register (ANNEXURE 2)
 - 5.1.1.1.3 The club and / or individual fancier are, informed before basketing commences.
 - 5.1.1.1.4 The authorised sampling collectors will identify themselves, according to Section 4.3.
 - 5.1.1.1.5 Sampling Collection Kits Instruments and equipment used for the collection of faecal samples required for detecting the presence of prohibited substances will be supplied by the organisation. The sampling kit and accessories must be kept clean and cautiously utilised to ensure successful testing, the elimination of cross contamination and the integrity of the sample. The official kit and equipment will include two sealed sample bottles "A" / "Original" and "B" / "Reference", labels, wooden spatula, gloves, metal seals, sealing wire, sealable security bag and documentation which, must be prepared and completed during the sampling
 - 5.1.1.1.6 The fancier once finished basketing his race entrants, exits the basketing hall to have his baskets intercepted and then witnesses the faeces sample collection procedure together with the collectors at a spot away from the normal club / organisation's activities. These baskets are immediately taken aside for sampling as the fancier leaves the basketing area. He signs for the intact receipt of the sampling kit at the start of the sampling procedure and opens the bag (ANNEXURE 5). The seals and document numbers are recorded on the labels, dockets and Sampling report.
 - 5.1.1.1.7 The Collectors put on gloves and open the sealed sample bottles by removing the metal seal caps.
 - 5.1.1.1.8 The faeces of the pigeons is collected from the floor or bottom of these baskets.
 - 5.1.1.1.9 A minimum collectable quantity of faeces is to be taken from the floor of the fancier's baskets using the wooden spatula. For practical purposes the equivalent of 1 heaped teaspoon minimum per sample bottle is collected.
 - 5.1.1.1.10 Enough pigeon faecal droppings must be collected to more than one-quarter fill one of the sample bottles and it is mixed or stirred very well with the spatula to obtain conformity of the sample before the division into the two bottles is done.
 - 5.1.1.1.11 Once the sample has been collected, mixed and halved, bottle "A" / "Original" and bottle "B" / "Reference" shall be sealed with metal, numbered seals and sealing wire and they are marked, and numbered according to the label requirements and the "Sampling Report" as per ANNEXURE 5, in the presence of the fancier or his representative. Bottle "A" / "Original" is for the first analysis; bottle "B" / "Reference" for a possible counter-analysis.

- 5.1.1.1.12 The two bottles "A" / "Original" and "B" / "Reference" then have the excess sealing wire trimmed off and the recorded detail checked on the Sampling Report before being placed together with an ice bag into the tamperproof security bag, which is then also sealed so that any substitution, removal, tampering or addition of prohibited substances is eliminated or detectable.
- 5.1.1.1.13 The Sampling Report form ANNEXURE 5 is then checked again for completion and handed in to the organisation for registration and safekeeping.
- 5.1.1.1.14 Any remarks by the fancier is also recorded or any deviation from the procedure.
- 5.1.1.1.15 The sealed security bags must be placed in a freezer until they are forwarded to the designated laboratory. The security bags are each placed into the courier service's bag or pre-paid postal bag together with the sample docket(s) and deposit slip(s).
- 5.1.1.1.16 The sealed bags are couriered, forwarded or transported to the designated and authorised laboratory as soon as possible at the following address

Attention
 The Secretary Laboratory
 The National Horseracing Authority of Southern Africa
 Turffontein Racecourse
 Turfclub Road
 P.O.Box 74439
 TURFFONTEIN 2140
 SOUTH AFRICA
 Contact Details
 Tel (011) 683-9283 (Ask for Lab Secretary) Fax (011) 683-3888
 E-mail info@nhralaboratory.co.za

Banking Details
 Standard Bank - Account No. 000357537
 Branch Code 000205
 The National Horseracing Authority of SA Ref Pigeons

- 5.1.1.1.17 A copy of the docket (ANNEXURE 4) should be faxed to the Laboratory to notify them of the pending delivery.
- 5.1.1.1.18 Confirmation and acknowledgement of receipt of the sealed sampling material by the Laboratory must be received by way of document, facsimile or e-mail as per Section 4.6.11.
- 5.1.1.1.19 New sampling kits will be used for each individual fancier's sample collection to avoid cross contamination and the co-operation of the fancier is required in opening the sampling kit bag and in observing the sampling procedure so as to eliminate any allegation of spiking.
- 5.1.1.1.20 A water sample collection may also be required if water is given to the pigeons in the race pannier troughs by the organisation. The same procedure as for the faecal collection is followed.
- 5.1.1.2 Basketing evenings when sampling collection is to be kept on hold for testing
 - 5.1.1.2.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which fanciers' baskets are to be sampled.
 - 5.1.1.2.2 The sampling procedure as described in Section 5.1.1.1 is followed.
 - 5.1.1.2.3 Samples will be kept in a secure environment in the Organisation's freezer pending testing later in the year, if required.
- 5.1.1.3 Directly after race liberation. Sampling of race panniers on transport vehicles. When immediate

testing is required

- 5.1.1.3.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which baskets are to be sampled immediately after liberation. Special observers are also appointed to witness the proceedings and will act as the appointed representatives for the club(s) and fanciers. They must comply with the manual. In this case the organisation will inform the club of the sampling collection that was undertaken.
- 5.1.1.3.2 The authorised sampling collectors will identify themselves and the special observers, according to Section 4.3. In this case the organisation will inform the club of the sampling collection that was undertaken.
- 5.1.1.3.3 Sampling Collection kits Instruments and equipment used for the collection of faecal samples required for detecting the presence of prohibited substances will be supplied by the organisation. The sampling kit and accessories must be kept clean and cautiously utilised to ensure successful testing, the elimination of cross contamination and the integrity of the sample. The official kit and equipment will include two sealed sample bottles "A" / "Original" and "B" / "Reference" labels, wooden spatula, gloves, metal seals, sealing wire, sealable security bag and documentation which must be prepared and completed during the sampling
- 5.1.1.3.4 It is recommended that race baskets / panniers be regularly cleaned before they are brought to the clubhouse for basketing purposes.
- 5.1.1.3.5 The driver of the transport vehicle and his assistant will remove the numbered baskets / panniers according to the authorised order as per ANNEXURE 3.
- 5.1.1.3.6 The driver of the transport vehicle, his assistant and the special observers witness the faeces collection procedure together with the collectors at a secure convenient area.
- 5.1.1.3.7 The co-operation of the driver of the transport vehicle, his assistant and special observers, is required in opening the sampling kits provided and observing the sampling procedure so as to eliminate any allegation of spiking. The driver signs for the intactness of the kit. The sampling procedure as described in Section 5.1.1.1 is followed.

5.1.2 Post-race Procedures

After the completion of a race, post-race sampling can be undertaken.

The fancier, from whose pigeons a sample has been ordered, or his appointed representative must be present when the sample collections are undertaken. With post-race sampling the fancier is informed about the instruction to be executed. It is essential that the selected pigeons after the race have been **well fed** and watered for at least 3 hours prior the time arranged for the sample collectors' visit.

- 5.1.2.1 Individual pigeons when immediate testing is required
 - 5.1.2.1.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which individual pigeons are to be sampled and a simultaneous entry is to be made in the Sampling Register (ANNEXURE 2).
 - 5.1.2.1.2 The individual fancier is informed before sampling commences. He is asked to **feed** his pigeons adequately before the sample collectors arrive or before he takes his pigeons to the club or any other designated place.
 - 5.1.2.1.3 **Time of sampling exercise.** Preferably immediately, following the end of the race, on the race return day, normally the Saturday, or the day after the race, normally the Sunday and if not possible not later than 3 days after the end of the race.
 - 5.1.2.1.4 A separate clean basket, cage or pen is recommended for the faecal collection.

- 5.1.2.1.5 The authorised sampling collectors will identify themselves, according to Section 4.3.
- 5.1.2.1.6 Sampling Collection kits Instruments and equipment used for the collection of faecal samples required for detecting the presence of prohibited substances will be supplied by the organisation. The sampling kit and accessories must be kept clean and cautiously utilised to ensure successful testing, the elimination of cross contamination and the integrity of the sample. Kits and equipment include two sealed sample bottles "A" / "Original" and "B" / "Reference" labels, wooden spatula, gloves, metal seals, sealing wire, sealable security bag and documentation which must be prepared and completed during the sampling procedure. The Organisation will arrange for non-absorbent sheeting, preferably plastic, to line the floor of the basket.
- 5.1.2.1.7 A new sampling kit will be opened and signed for its intactness for each fancier's individual pigeon sample collection to avoid cross contamination and tampering.
- 5.1.2.1.8 The presence and co-operation of the fancier is required in opening the sampling kit bag provided and observing the sampling procedure so as to eliminate any allegation of spiking. The non-absorbent plastic / material sheet is cut to fit in the base of the basket used. The pigeon details are recorded in the Sampling Report ANNEXURE 5 as they are placed in the prepared basket or pen. The basket is sealed and locked away from any other persons other than the collectors and the fancier for security reasons or must be continually guarded by the collectors and the fancier where a locked room is unavailable.

The collectors wait until the excreta (faeces and urine) is deposited on the plastic sheet. The duration of 3 to 5 hours is recommended as adequate as the fancier should have fed his / her arrivals well earlier. When a sufficient or minimum volume of faeces, equivalent to 2 heaped teaspoons is collected from the fancier's pigeon basket, the pigeons are removed from the prepared basket.

Collectors must put on gloves and open the sealed sample bottles by removing the metal seal caps. Enough pigeon faecal droppings must be collected so as to more than one-quarter fill one of the sample bottles and it is mixed or stirred thoroughly, with the wooden spatula to obtain conformity of the sample before division into the pair of bottles is done. For practical purposes the equivalent of a heaped teaspoon for bottle "A" / "Original" and bottle "B" / "Reference" is placed respectively. **The laboratory cannot accept for its analysis procedure any pair of sample bottles, which contains less than 1 heaped teaspoon of collected faeces per sample.**

- 5.1.2.1.9 Once the sample has been collected, mixed and halved, and transferred to bottle "A" / "Original" and bottle "B" / "Reference", the bottles are to be sealed with metal numbered seals, sealing wire, marked, numbered according to the label requirements and the Sampling Report as per ANNEXURE 5, in the presence of the fancier, or his representative. Bottle "A" is for the first analysis; bottle "B" for a possible counter-analysis.
- 5.1.2.1.10 The two bottles "A" / "Original" and "B" / "Reference" then have the excess sealing wire trimmed off and the recorded detail checked on the Sampling Report before being placed into the tamperproof security bag, together with an ice pack, which is then also sealed and the number recorded in the Sampling Report ANNEXURE 5, so that any substitution, removal, tampering or addition of prohibited substances is eliminated or detectable.
- 5.1.2.1.11 The sampling report forms, ANNEXURE 5 are then checked and completed.
- 5.1.2.1.12 Any remarks by the fancier are also recorded or any deviation from the procedure.
- 5.1.2.1.13 The Sampling Report ANNEXURE 5 is handed in to the organisation for registration and safekeeping.
- 5.1.2.1.14 The sealed security bags are to be placed in a freezer until they are forwarded to the designated laboratory mentioned in Section 5.1.1.1.16 within a pre-paid postal bag or any other courier service bag. Each bag is to be accompanied by a sample docket and deposit slip.
- 5.1.2.1.15 A copy of the docket (ANNEXURE 4) should be faxed to the Laboratory to notify them of the pending delivery.

- 5.1.2.1.16 Confirmation and acknowledgement of receipt of the sealed sampling material by the Laboratory must be received by way of document, facsimile or e-mail as per Section 4.6.11.
- 5.1.2.1.17 New sampling kits will be used for each individual fancier's sample collection to avoid cross contamination and the co-operation of the fancier is required in opening the sampling kit bag and in observing the sampling procedure so as to eliminate any allegation of spiking.
- 5.1.2.1.18 A water sample collection may also be required of water given to the pigeons on arrival at the fancier's racing loft. The same procedure as for the faecal collection is followed.
- 5.1.2.2 Race lofts or groups of pigeons When immediate testing is required
 - 5.1.2.2.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which group of pigeons or lofts are to be sampled (Specific individual pigeons plus random choice of up to 20 more).
 - 5.1.2.2.2 The sampling procedure as described in Section 5.1.1.1 is followed.

5.1.3 Random Procedures

Random sampling is undertaken when the fancier has not yet been informed of a sample collection or the specific time for the sample collection from specified pigeons in his race lofts. Organisations are authorised to take samples of the faeces of racing pigeons or water from their drinking troughs, at any time and at any place, in order to test for the improper use of prohibited substances in racing pigeons. During random sample collections the sample collectors will arrive unannounced at a fancier's loft to undertake sampling. The sample collectors can choose to collect samples from the various race lofts or have particular racing pigeons isolated in a basket for the sample collection. The fancier needs to be informed that the procedure is to take at least 3 hours and if he should be inconvenienced, that a representative may be used to observe the procedure as determined in Section 4.1.

- 5.1.3.1 Throughout the Year Individual pigeons When immediate testing is required
 - 5.1.3.1.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which individual pigeons are to be sampled where and when.
 - 5.1.3.1.2 The individual fancier is not informed before sampling commences.
 - 5.1.3.1.3 The sampling procedure as described in Section 5.1.2.1 is followed.
- 5.1.3.2 Throughout the year Race lofts or groups/ (selection) of pigeons When immediate testing is required
 - 5.1.3.2.1 The order is issued by the organisation as determined per ANNEXURE 3 as to which group of pigeons or lofts are to be sampled.
 - 5.1.3.2.2 The individual fancier is uninformed regarding a sampling collection.
 - 5.1.3.2.3 The sampling procedure as described in Section 5.1.1.1 is followed.
- 5.1.3.3 Throughout the year Water collection from loft drinkers When immediate testing is required
 - 5.1.3.3.1 The same procedure as prescribed in Section 5.1.1.1 is followed except that water is scooped/poured into the sample bottles.
- 5.1.3.4 Throughout the year Pigeon faecal collection from loft floor or/and perches When immediate testing is required
 - 5.1.3.4.1 The same procedure as prescribed in Section 5.1.1.1. is followed.

5.2 International One Loft Races

The purpose of sampling is to determine whether any racing pigeon is being given an advantage over the others in the loft due to the illegal administration of performance enhancing drugs or to prevent the administration of prohibited substances that have a detrimental effect on the pigeon.

The overseeing veterinarian may administer medication containing prohibited substances as listed to the **whole loft or flock** should it be necessary for the cure of a condition prevalent in the loft. In such flock treatment no one pigeon will benefit more than the next.

When test results are available, the Laboratory will not only disclose the results to the organisation but will also supply a copy to SANPO.

Should a result be positive, the rules of that specific organisation will apply and the race organisers should act accordingly.

5.2.1 Pre-race Procedure Basketing (ANNEXURE 11) Pigeon baskets are sampled after basketing for race

International observers are to be appointed who will observe the procedures in addition to the National observers. It is the responsibility of the organisation that the Pre-race Procedure document described in this Section is distributed to all collectors and National and International observers and that the prescribed procedure is followed. All activities prescribed will take place in the presence of the collectors and observers who will also complete all the required documentation by the end of the procedure. At least 5 baskets will be sampled once pigeons are all removed to be race marked and loaded into the race panniers. The allocated sequential sample numbers must be acquired from a register set up in the style of Annexure 2.

5.2.1.1 Sampling kits are supplied by the organisers of the race and contain the following

Sealed, paired sample bottles with pre-assigned sample numbers. Gloves

Wooden spatulas

Metal seals and wires

1 Security bag for the sample bottles also known as bottle "A" / "Original" and one security bag for bottle "B" / "Reference" samples.

List of seal numbers supplied

Documentation to be completed

Pliers and scissors must also be available.

5.2.1.2 Sample collection

Prepare a Sample Collection Sheet and Sample Collection Declaration for every basket. Sample numbers are supplied for each sample.

5.2.1.3 Open the sealable security bag that contains the paired sample bottle "Original" and bottle "B" / "Reference" which must be labelled with the same number. Their individual metal seals must be broken just prior to their use.

5.2.1.4 Put on gloves and collect faeces from basket by means of the wooden spatula.

5.2.1.5 Ideally, the total amount of faeces collected for any particular basket must be enough to fill ¼ of the volume of one bottle (2 heaped teaspoons).

5.2.1.6 Mix the faeces well, using the wooden spatula.

5.2.1.7 Use new gloves and wooden spatulas for each sample per pigeon basket or faeces collection to prevent cross-contamination.

5.2.1.8 Halve the collected faeces sample and transfer each half (1 heaped teaspoon) to each of the paired bottles having the same number. This sample number is entered on the Sample Collection Sheet.

- 5.2.1.9 Seal the pair of bottles and cut off the excess wire with pliers. Record the seal number of the bottle "A" / "Original" and bottle "B" / "Reference" on the Sample Collection Sheet and Sample Collection Declaration.
- 5.2.1.10 Once the label on the bottles and the reference sample are completed place both the filled and labelled bottle "A" / "Original" and bottle "B" / "Reference" into the security bag, which is of plastic and tamperproof design, to be found in the kit supplied by the organisation. Record the bag number on the Collection Sheet and Declaration.
- 5.2.1.11 Check that Collection Sheet is completed in full. Complete the declaration form and hand it in to the race organisers. A declaration by the observers must also be undertaken.
- 5.2.1.12 Store and lock the sealed security bags in a freezer until delivery to the laboratory.
- 5.2.1.13 Task the courier or person delivering the security bags to sign for the delivery of the bags in the pigeon sample register at the Laboratory and that acknowledgement of receipt by the laboratory staff by e-mail, letter or facsimile is undertaken.
- 5.2.1.14 Following analysis at the laboratory the following is reported as reference for samples tested for prohibited drug presence
- The sample number
 - The metal seal numbers for the bottle "A" / "Original" and bottle "B" / "Reference".
 - The bag number for the security bag
 - Negative / Positive (Copy to SANPO)
- 5.2.1.15 It is the Race Organisers' responsibility to confirm for each sample that the numbers recorded and reported by the Laboratory corresponds with the seal numbers on the bottles and that of the bag in which they were sealed. This information is contained in the retained Sample Collection Sheet and the register.
- 5.2.2 Post-race Procedure (ANNEXURE 12)
- 5.2.2.1 The first 10 placed pigeons home in the race are withdrawn for sampling. They are well fed and watered on arrival then placed into pens or baskets for the night. It is the responsibility of the collectors that the Pre-race Procedure document described in this Section is distributed to all collectors and observers and that the prescribed procedure is followed. All activities prescribed will take place in the presence of the collectors and observers who will also complete all the required documentation by the end of the procedure. The allocated sequential sample numbers must be acquired from a register set up in the style of Annexure 2.
- 5.2.2.1.1 Sampling kits are supplied with the following
- Sealed, paired sample bottles with pre-assigned sample numbers
 - Gloves
 - Wooden spatulas
 - Metal seals and wires
 - One Security bag for containing bottle "A" / "Original" and one Security bag for bottle "B" / "Reference" samples.
 - List of seal numbers supplied
 - Documentation to be completed
 - Pliers and scissors must also be available.
- 5.2.2.2 Sample collection
- 5.2.2.2.1 Upon race return
- Pigeons to be sampled and tested must be well fed and watered before being placed into pens/baskets.

- 5.2.2.2.2 Cut a special plastic sheet with scissors supplied to cover and fit the bottom of the pigeon pen/basket.
- 5.2.2.2.3 The individual pigeons are placed into these special pens or cages at least one metre apart to overnight without a supply of food and water.
- 5.2.2.2.4 The pens are sealed and locked in a secure sealed room in the presence of the collectors and observers.
- 5.2.2.2.5 After 5 Hours or Next Morning
- Confirm the intactness of seals and open the locked room in the presence of the collectors and observers.
- 5.2.2.2.6 Prepare a Sample Collection Sheet and Sample Collection Declaration for every pigeon basket.
- 5.2.2.2.7 Open the sealable security bag that contains the paired sample bottle "A" / "Original" and bottle "B" / "Reference" which must be labelled with the same number. Their individual metal seals must be broken just prior to their use.
- 5.2.2.2.8 Put on gloves and collect faeces from the plastic sheet on the basket floor by means of the wooden spatula.
- 5.2.2.2.9 Ideally, the total amount of faeces collected for any particular pen/basket must be enough to fill ¼ of the volume of one bottle. A total volume of 1 heaped teaspoon each for both bottles "A" and "B".
- 5.2.2.2.10 Mix the faeces well, using the wooden spatula.
- 5.2.2.2.11 Use new gloves and wooden spatulas for each individual pigeon faeces sample collection to prevent cross-contamination.
- 5.2.2.2.12 Halve the collected faeces sample and transfer each half to each of the paired bottles "A" / "Original" and "B" / "Reference" having the same number. This sample number is entered on the Collection Sheet.
- 5.2.2.2.13 Seal the pair of bottles and cut off the excess wire with pliers. Record the seal numbers of the bottle "A" / "Original" and bottle "B" / "Reference" on the Sample Collection Sheet.
- 5.2.2.2.14 Once the Sample Collection Sheet is completed place both the filled and labelled bottle "A" / "Original" and bottle "B" / "Reference" into the respective security bags ("A" and "B"), which is of plastic and tamperproof design, to be found in the kit supplied by the organisation together with an ice pack. Record the security bag number on the Collection Sheet and the docket.
- 5.2.2.2.15 Check that The Sample Collection Sheet is completed in full. The Sample Collection Sheet is retained by the race organiser and is NOT forwarded to the authorised laboratory as the identity and information of the pigeon is recorded in it.
- 5.2.2.2.16 Complete the Sample Collection Declaration form and hand it in to the race organisers. A declaration by the observers must also be undertaken.
- 5.2.2.2.17 Store and lock the sealed security bags in a freezer until delivery to the laboratory.
- 5.2.2.2.18 Ensure that the courier or person delivering the security bags signs the bags in and that acknowledgement of receipt by the laboratory staff is done.
- 5.2.2.2.19 Following analysis at the laboratory the following is reported as reference for samples tested for prohibited drug presence
- The sample number

- The metal seal numbers for the bottle "A" / "Original" and bottle "B" / "Reference".
- The bag number for the security bag. Negative / Positive (Copy to SANPO)

5.2.2.2.20 It is the Race Organisers' responsibility to confirm for each sample that the numbers recorded and reported by the laboratory corresponds with the seal numbers on the bottle and that of the bag in which they were sealed. This information is contained in the retained Sample Collection Sheet and the register.

5.3 National One Loft and other One Loft Races

It is the responsibility of the organisation that the Pre-race and Post-race Procedures described in this Section is distributed as a document to all collectors and observers and that the prescribed procedure is followed. All activities prescribed will take place in the presence of the collectors and observers who will also complete all the required documentation at the end of the procedure. A National observer from SANPO will be appointed besides two further National observers who are nominated to observe the procedures. The organisers are responsible for the appointment of collectors and to task them and the observers with their duties and the written order and action plan to sample selected individual pigeons or groups or baskets of pigeons used for the final entry basketing of the main race events.

When test results are available, the Laboratory will not only disclose the results to the organisation but will also supply a copy to SANPO.

Should a result be positive, the rules of that specific organisation will apply and the race organisers should act accordingly.

5.3.1 Pre-race Procedure

The sampling procedure as described in Section 5.2.1 is followed.

5.3.2 Post-Race Procedure

The sampling procedure as described in Section 5.2.2 is followed.

Section 6 – Laboratory Services

6.1 Only the laboratory indicated and appointed by SANPO shall be considered for the analysis and the counter-analysis.

6.2 The cost for the relevant test shall be paid by the organisation directly to the laboratory before starting any analysis or counter-analysis.

6.3 The laboratory receives in each security bag

- The sample bottles
- The sample docket
- An ice pack
- The deposit slip

6.4 The laboratory will mention only to the Organisation the following data in their notification on the analysis (Certificate of analysis COA)

6.4.1 The date and time of receipt and comments on the intactness of the samples, bottle seals and bag seals.

6.4.2 The docket numbers of the samples received and the corresponding bottle seals and bag seal numbers.

6.4.3 Statement whether the sample(s) tested negative or positive for prohibited substances according to the Manual.

- 6.4.4 When a sample is positive the reporting will be similar, but there will be a separate certificate of analysis (COA) for each positive.
- 6.5 A **test report** of the Original sample analysis is available at pre-paid additional cost (which will be revised annually) to the organisation on request, but requires a period of 2 weeks for the preparation of an appropriate report layout. The costs are to be carried by the fancier, which is to be paid when the request is made through the organisation that will forward the deposit slip to the laboratory. The organisation will be notified of receipt and any subsequent result.
- 6.6 The **counter-analysis report** is also available at pre-paid additional costs, which will be reviewed annually. The costs are to be carried by the fancier, which is to be paid when the request is made through the organisation that will forward the deposit slip and the Reference bottle and the respective seal number details to the laboratory. The organisation will be notified of receipt and any subsequent result.

Section 7 – Disclosure of Test Results and Consequential Procedures

- 7.1 The results of the laboratory analysis shall be furnished confidentially to the organisation
- 7.1.1 The Executive of the Organisation shall notify the fancier as to the result within 5 working days in writing after receiving a letter of notification by the laboratory (Section 6.4).
- 7.1.2 A complete prepared test report will be available at additional costs (Section 6.5).
- 7.2 Disclosure of a Negative Result (ANNEXURE 6)
- 7.2.1 The Executive of the organisation (or his duly appointed representative) within 5 working days after having been notified of the results by the laboratory, delivers per hand to the fancier a copy of the laboratory notification, and forwards a copy of the letter of the notification to SANPO.
- 7.2.2 In cases where the analysis is negative, the fancier/organisation cannot claim any compensation whatsoever from the organisation or anyone else whomsoever.
- 7.3 Disclosure of a Positive Result (ANNEXURE 7)
- 7.3.1 The Executive of the organisation within 5 working days after having been notified of the results by the laboratory, delivers per hand to the fancier a copy of the laboratory notification, and forwards a copy of the letter/report of notification to SANPO.
- 7.3.2 From the time of the disclosure of a positive result the fancier concerned may not in any way transfer all or some of his pigeons to anyone else, not even for free.
- 7.3.3 In the same period, any position attained in a championship and the paying out of the relevant prizes or monies shall be suspended.
- 7.3.4 These measures and restrictions are considered as a temporary banning. Every organisation can arrange to withhold – and keep in trust – the prizes or winnings of fanciers whose pigeons are being investigated for prohibited substances until the results of the counter-analysis and/or outcome of the disciplinary hearing are concluded.
- 7.3.5 The fancier is afforded the option of a counter-analysis of sample “B” / “Reference” from the sample collection to which he may respond or not. The fancier is sent an acknowledgement of receipt as per ANNEXURE 8 if he chooses a counter-analysis.
- 7.3.6. Fanciers are temporarily suspended and are not to take part in any race of whatever nature pending the outcome of the possible counter analysis and disciplinary hearing.
- 7.3.7 Should a positive result be obtained from sampling a pre-race racing pannier, as described in Section 5.1.1.3, no immediate individual action against any fancier is taken, but instruction can be given by the organisation to the club whose fanciers had pigeons transported in that pannier for

the race, to be tested as soon as possible at any future time.

- 7.4 Procedures in the case of a Counter-Analysis (ANNEXURE 8)
- 7.4.1 In case of a **positive result** (presence of prohibited substances verified), **the fancier concerned only**, is informed by hand by the organisation and is afforded the option of a counter-analysis.
- 7.4.2 The request by the fancier for a counter-analysis has to be directed in writing to the headquarters of the organisation, not later than 5 working days after notification.
- 7.4.3 The organisation informs the National Horseracing Authority of Southern Africa, where sample "B" / "Reference" is held that a counter-analysis has been requested.
- 7.4.4 The counter-analysis has to be done in the laboratory allocated for such tests, namely the National Horseracing Authority of Southern Africa.
- 7.4.5 The fancier, or his duly authorised representative that was present at the sample collection must confirm (ANNEXURE 9) that the sample docket, signature and seal numbers on the sample bottle and security bag numbers correspond with those he / she signed for in the Sampling Report (ANNEXURE 5) with that indicated on the laboratory receipt forwarded to the organisation.
- 7.4.6 The applicant shall pay the amount for the counter-analysis within the same period, directly into the account of the organisation that will in turn deposit the amount into the account of the laboratory and forward the deposit slip together with the details of the Reference sample.
- 7.4.7 The laboratory informs the organisation of the results of the counter-analysis. A copy thereof shall be furnished to the national headquarters of SANPO and the relevant organisation, which shall, in the case of a positive counter-analysis apply the measures as prescribed in Section 8.
- 7.4.8 In cases where the counter-analysis is negative all these expenses will be for the account of the fancier (applicant). The fancier cannot claim any compensation whatsoever whether in regard to the possible loss of potential prize monies or points or for any costs. The outcome of the counter-analysis must be published, the temporary suspension must be lifted and the fancier may compete in races again.
- 7.4.9 If the fancier or his representative has not applied for a counter-analysis within this period, the result of the first analysis shall be regarded as definitive.

Section 8 – Disciplinary Hearings, Costs and Penalties

- 8.1 Disciplinary Hearing Committee
- 8.1.1 Organisations will handle their disciplinary hearings according to their own structures, procedures, rules and regulations as defined by their own constitutions. Where these procedures are lacking or do not exist, the proposed structure and procedures of the SANPO constitution may be followed. Fanciers whose pigeons are tested positive for the use of prohibited substances or those who violated the Regulations and Procedures contained in this Manual shall be summoned (ANNEXURE 10) to appear before the relevant Disciplinary Committee of the organisation, to present their means of defence.
- 8.1.2 The committee may hear, according to this Manual, the following contraventions and exercise the following powers
- 8.1.2.1 Lifting temporary suspension and restrictions on alleged defaulters until such time as counter-analysis is reported as negative or positive.
- 8.1.2.2 Positive analysis result(s) for the use of prohibited substances.
- 8.1.2.3 Hearing a fancier's defence argument in a positive analysis result or a violation of the regulations.

- 8.1.2.4 The refusal to co-operate or to adhere to the Regulations and/or Procedures contained in the Manual for the Regulations and Procedures of and the improper use of prohibited substances.
 - 8.1.2.5 The obstruction of the procedures to undertake an analysis by preventing collectors to undertake their sampling assignment instructed by the organisation.
 - 8.1.2.6 The failure of a fancier to provide a representative to witness sampling and offer assistance in access to the fancier's lofts and pigeons in the case of the fancier's absence or other commitments.
 - 8.1.2.7 Cases where fanciers, according to the contents of the Manual, have exposed themselves to active or passive complicity of any kind.
 - 8.1.2.8 To judge the contraventions and hand down penalties and suspensions in terms of Section 8.2.
 - 8.1.2.9 Review the re-instatement of fanciers who have paid their penalties and/or served their suspension period. This also includes re-instatement of fanciers who have a counter-analysis result test negative.
 - 8.1.2.10 Issue clearance certificates.
 - 8.1.2.11 The Disciplinary Committee shall serve, as soon as possible after having heard the fancier concerned its considered decision to the fancier according to the penalties determined in Section 8.2.
- 8.2 Costs and Penalties

When a definite positive result of an analysis is returned or when judged guilty of an offence or violation of these regulations, the Disciplinary Committee will impose restrictions and penalties

- 8.2.1 The restrictions on the fancier and his/her pigeons determined in Section 7 of the Manual are put into immediate effect.
- 8.2.2 In the case of a definite positive result all expenses including the cost of the first analysis and the counter-analysis shall be for the account of the transgressor.
- 8.2.3 The Disciplinary Committee of the organisation will levy charges and penalties in cases where no co-operation was given in the sample collection or for the use of prohibited substances as determined in Section 1 of the Manual as follows
 - 8.2.3.1 **Suspension** not exceeding **12 months** with a first offence whereof the whole or a portion thereof may be suspended, with effect on the first Saturday after being served.
 - 8.2.3.2 **Suspension** not exceeding **36 months** with each recurrence on the first Saturday after being served. Any suspended sentence under Section 8.2.3.1 will be served in addition to any suspension served under this clause.
 - 8.2.3.3 **Forfeiture of prizes and prize money** that may have been won in the race or races that led to the finding of the violation of the relevant regulation. The prizes may only be declared forfeited in respect of the specific races concerned.
 - 8.2.3.4 **Deletion from all competitions / championships** that the suspended offender might have achieved during the season as from the race in which the offence was identified.
 - 8.2.3.5 In the case of **repeated positive tests** or in case of **behaviour** that may be seriously harmful to the objectives of SANPO and the organisation, the Disciplinary Committee may suggest **expulsion**.
- 8.2.4 Suspension shall in no way be conditional. The penalty of suspension cannot be terminated until such sentence has been executed in total, and that includes payment of all costs.
- 8.2.5 All disputes regarding a sentence have to be referred to the Disciplinary Committee of SANPO.

8.2.6 SANPO is forwarded a report regarding the transgressions, costs and penalties determined by the organisation.

Section 9 – The Right to Appeal

The right to appeal is restricted to SANPO only, who according to their rules and regulations will handle the appeal.

Section 10 – Re-instatement

After serving the suspension period imposed by the organisation clearance is given by the Organisation to the fancier that he/she may participate once more in the sport.

Section 11 – Indemnification of SANPO

All organisations and their members hereby indemnify SANPO as body of appeal against all and any form of prosecution, or the institution of legal actions or any joining as a party to any legal actions and accept the regulations and procedures set out in the manual and approved by NOCSA as reasonable and fair for the combating of prohibited substances in racing pigeons in South Africa.

Section 12 – The Specialist & Technical Committee

12.1 SANPO will in its discretion, appoint a Specialist and Technical Committee consisting of experts specialising in subjects relating to matters covered in the Manual.

12.2 This committee will meet at most twice in any given year under the chairmanship of SANPO and will, amongst other things and without limiting the generality thereof, help to solve problems, deal with specific enquiries, make suggestions and deal with matters relevant to their particular field of expertise.

12.3 An approved remuneration package will be negotiated with committee members before their final appointment.

Appendix 13

A.

Acebutolol	Sectral Capsules, Injection & Tablets
Acetylsalicylic acid	Analgen Tablets, Emzaclear Acne Lotion
Acid salicylate	Pyralvex Liquid
Adrenaline	Adrenaline Tartrate-Fresenius Injection, Lignospan special Injection, Macaine Injection with adrenaline, Micro Adrenaline Injection, Scandonest Injection with adrenaline, Xylotox E 80A Injection Solution
Aescin	Essaven Gel, Reparil Gel
Alfentanil	Rapifan Injection
Ambuphylline	Nethaprin Dospan Tablets & Expectorant Syrup
Amethocaine	Amethocaine Cream, Anethaine Cream, Minims Amethocaine Hydrochloride

	Solution
Aminophylline	Aminophyllin IM & IV Injection & Aminophyllin Suppositories, Aminophyllin IV-Fresenius Injection, Aspen Theophyllin IM & IV Injection, Diphenamill Syrup, Lotussin Expectorant, Phyllocontin SR Tablets, Sebax Aminophylline IV Injection.
Apomorphine	Uprima Sublingual Tablets
Aspirin	Asasantin Capsules, Bayer Aspirin Cardio 100 Tablet, Bayer Aspirin Plus C Effervescent Tablets, Bayer Aspirin Tablets, BeTabs Aspirin Tablets, CodisTablets, Corenza C Effervescent Tablets, Coryx Effervescent Tablets, Disprin CV 100 Tablets, Disprin Tablets, Doloxene Co-65 Capsules, Dristan Tablets, Ecotrin Tablets, KPP Powders, Lo-Aspirin Tablets, Myoprin EfferVescent Tablets, Paincod Tablets, Robaxisal Tablets, Tenston Tablets, Veganin 3 Tablets
Atenolol	Adco-Atenolol Tablets, Adco-Loten Tablets, Hexa-Blok Tablets, Norton-Atenolol Tablets, Rolab-Atenolol Tablets, Rolab-tenolol/Chlorthalidone Tablets, Ten-Bloka Tablets, Tenchlor Tablets, Tenoretic Tablets, Tenormin Tablets
B. Beclomethasone dipropionate	Beclate Cream, Inhaler & Aqueous Nasal Spray, Becloforte Inhaler, Becodisks Disks, Beconase Aqueous Nasal Spray, Becotide Inhaler & Rotacapsules, Clenil Aq Nasal Spray, Cycloson Cyclocaps, Qvar Inhaler & Autohaler, Rolab-Beclomethasone Dipropionate Aerosol Inhaler, Aqueous Nasal Spray & Nasal Inhaler, Ventnaze Aqueous Nasal Spray, Viarox Aqueous Nasal Spray & Inhaler
Benzocaine	AAA Throat Spray Atomiser, Aminophyllin Suppositories, Aurasept Ear Drops, Aurone Forte Drops, Benzet Lozenges, Calasthetic Cream, Cepacaine Lozenges, Cepacol Discs, Covancaine Drops, Covotop Drops, Histamed Lotion, Medi-Kain Lozenges, Medi-Keel A Lozerges & Throat Gargle, Orochlor Solution & Spray, Otised Ear Drops, Oto-Phen Forte Drops, Trochain Lozenges, Viodor Cream

Beta-Estradiol	Evorel Patch
Beta-hydroxyethyl theophylline	Theophan Syrup & Comp Syrup.
Betamethasone	Betanoid Injection, Syrup & Tablets, Betnesol Eye Ointment & Drops, Betnesol-N Eye Ointment & Drops, Celestimine Tablets & Syrup, Celestone Tablets & Injection, Lenasone Injection, Persivate Cream & Ointment
Betamethasone acetate	Celestone Soluspan Injection
Betamethasone dipropionate	Diprogenta Cream & Ointment, Diprolene Cream, Ointment & Scalp Lotion, Diprosalic Lotion & Ointment, Diprosone Cream, Injection, intment Lotion, Lotriderm Cream.
Betamethasone disodium Phosphate	Celestone Soluspan Injection
Betamethasone valerate	Adco-Betamethasone Cream, Betanoid N Cream & Ointment, Betnovate Cream, Lotion, Ointment & Scalp Application, Betnovate C Cream & Ointment, Betnovate C N Cream & Ointment, Celestoderm-V Cream, Lotion & Ointment, Celestoderm-V With Garamycin Cream, Lenovate Cream & Ointment, Quadriderm Cream, Repivate Cream, Topivate Cream, Vari-Betamethasone Cream
Bisoprolol	Ziak Tablets
Bromhexine	Adco-Linctloptent Syrup, Benylin Chesty Linctus, Bisolvon Linctus DA Linctus, Bisolvon Solution & Tablets, Bronkese Tablets, Bronkese Compound Linctus, Flemeze Syrup
Budesonide	Budeflam Aqua Nasal Spray & Metered Dose Inhaler, Entocord Capsules & Dispersible Tablets, Inflacor Cyclocaps, Inflammide Inhaler, Inflanaze Aqueous Nasal Spray, Pulmicort Inhaler, Nebulising Suspension & Turbuhaler, Rhinocort Aqueous Nasal Spray, Symbicord Turbuhaler.
Bumetanide	Burinex Injection & Tablets, Burinex K Tablets
Bupivacaine	Macaine Injection & Spinal Injection, Macaine Injection With Adrenaline, Macaine Spinal Injection with extrose, Micro Bupivacaine Spinal Injection ith

	Dextrose
Buprenorphine	Subutex Sublingual Tablets, Temgesit Injection & Sublingual Tablets
C. Caffeine	Abflex-4 Tablets, Adco-Dol Tablets, Tablets, Analgen Tablets, Antipyn Forte Tablets, Asalen Tablets, B-Dol Tablets, Ban Pain Tablets, Betapyn Tablets, Cafergot Tablets & PB Suppository, Colcaps Capsules, Colclear Tablets, Colphen Syrup, Colstat Capsules, Degoran C Capsules, Dequa-Flu Capsules, Docdol Tablets, Doloxene Co-65 Capsules, Dristan Tablets, Endcol Cold & Flu Capsules, Famucaps Capsules, Fevapar Tablets, Flu-Stat Capsules, Flusin Capsules & Tablets, Flutex Cold And Flu Capsules, Go- Pain Tablets, Goldgesic Tablets, Grippon Capsules, Histacon Capsules, Histamed Compound Capsules, Histodor Tablets, Ilvico Tablets, Megapyn Tablets, Mepromol Tablets, Migril Tablets, Nomopain Tablets, Noralget Tablets, Painagon Tablets, Paxidal Tablets, Propain Tablets, Forte Capsules & Forte Tablets, Pynclear Effervescent Tablets, Pynmed Tablets, Pynstop Tablets, Salterpyn Tablets, Spectrapain Forte Capsules, Stilpane Tablets, Stopayne Capsules & Tablets, Suncodin Tablets, Supragesic Capsules, Synaleve LS Tablets, Synap Forte Tablets, Syndol Tablets, Tensolve Tablets, Tenston Capsules, Tablets & SA Tablets, Vacudol Forte Tablets, Xerogesic Tablets
Caffeine anhydrous	Adco-Payne Forte Tablets, Antipyn Tablets, KPP Powders, Micro-Gesic Tablets
Caffeine citrate	KPP Powders
Carprofen	Rimadyl Caplets
Carteolol	Teoptic Eye Drops
Carvedilol	Carloc Tablets, Dilatrend Tablets
Celecoxib	Celebrex Tablets
Chorionic genadotrophin	Chorulon, Nymfalon, PG 600
Clanobutin	Bykahepar

Clenbuterol	Planipart, Ventipulmin Granules
Clobetasol propionate	Dermovate Cream, Ointment & Scalp Application, Dovate Cream & Ointment, Xenovate Cream & Ointment
Clobetasone butyrate	Eumovate Cream & Ointment
Codeine Hydrochloride	Omnopon-Fresenius Injection
Codeine phosphate	Abflex-4 Tablets, Actifed Dry Cough Regular Linctus, Adco-Dol Syrup & Tablets, Adco-Kiddipayne Forte Syrup, Adco-Payne Forte Tablets, Adco-Sinal Co Tablets, Adco-Tussend Syrup, Analgen Tablets, Antipyn Syrup, Tablets & Forte Tablets, B-Dol Tablets, Ban Pain Tablets & Syrup, Benylin Syrup With Codeine, Betapyn Tablets, Broncleer Syrup With Codeine, Brunacod Syrup, Co-Codamol Effervescent Tablets, Codef Syrup, Codis Tablets, Codomill Syrup, Cofendyl Syrup, Colcaps Syrup, Colphen Syrup, Corbar Linctus Liquid, Coughcod Junior & Senior Syrup, Dequa-coff Syrup, Docdol Tablets, Docsed Syrup, Dostil Paediatric Syrup, Empacod Tablets, Endcol Co Linctus, Expectalin Liquid, Famucaps Syrup, Fevapar Tablets & Syrup, Fludactil Co Linctus, Flutex Cough Linctus Syrup, Go-Pain Tablets & Syrup, Goldgesic Syrup & Tablets, Histalix Syrup, Ilvico Syrup, Infapain Syrup & Forte Syrup, Kid-Eeze Syrup, Lenazine Forte Syrup, Lentogesic Syrup, Linctified Wet Cough Regular & Children's Syrup, Megapyn Tablets & Syrup, Meprogesic Tablets, Mepromol Syrup, Mepromol Tablets, Merck-Cough Linctus Syrup, Merck-Expectorant Paediatric & Adult Syrup, Metaxol Elixir, Micro-Gesic Tablets, Mybulen Tablets, Myprodol Capsules & Suspension, Napacod Tablets, Neofed Paediatric & Adult Syrup, Nomopain Tablets, Noralget Tablets, Painagon Tablets & Syrup, Painamol Plus Tablets, Paincod Tablets, Panado-Co Tablets, Paracetacod Tablets, Paxidal Tablets, Phensedyl Syrup, Propain Tablets, Forte Tablets & Forte Capsules, Pynclear Effervescent Tablets, Pynmed Tablets & Syrup, Pynstop Tablets, SAD-Codeine

	Phosphate Tablets, Salterpyn Tablets & Syrup, Sinumax Co Tablets, Sinutab Tablets With Codeine, Spectrapain Capsules & Forte Capsules, Stilpane Capsules, Tablets & Syrup, Stopayne Capsules, Tablets & Syrup, Suncodin Tablets, Supragesic Capsules & Syrup, Synaleve Capsules, LS Tablets & Paediatric Syrup, Syndol Syrup & Tablets, Tensolve Tablets, Tenston Capsules, Tablets, SA Tablets & Syrup, Trifen Solution & Paediatric Solution, Trinagesic Capsules, Tussilinct Syrup, Tussitot Syrup, Vacudol Syrup & Forte Tablets, Veganin 3 Tablets, Xerogesic Tablets
Conjugated oestrogens	Premarin IV Injection, Tablets & Vaginal Cream, Premelle Tablets & Cycle Tablets, Prempak N Tablets
Cortisone acetate	Cortogen Tablets
Cyproterone acetate	Androcur Tablets & Depot Injection, Cipla-Cyproterone Acetate 50 Tablets, Climen Tablets, Diane-35 Tablets, Ginette Tablets, Minerva
D.	
Danazol	Danogen Capsules, Ladazol Capsules
Dexamethasone	Dexafort, Kortico, Naquasone
Dexamethasone sodium Phosphate	Dexa 0,2, Phenix, Colvasone
d-Propoxphene napsylate	Synap Forte Tablets
Desogestrel	Marvelon Tablets, Mercilon Tablets
Dexamethasone	Decadron Tablets & Injection, Maxidex Suspension, Maxitrol Ointment & Suspension, Sofradex Drops & Ointment, Tobradex Ointment & Suspension
Dexamethasone disodium Phosphate	Spersadex Drops, Spersadex Comp Drops, Spersadexoline Drops
Dexamethasone sodium Sulphate	Covomycin-D Drops
Dextro-propoxphene	Lentogesic Capsules
Dibucaine	Medi-Keel A Throat Gargle
Diclofenac diethylammonia	Voltaren Emugel
Diclofenac potassium	Cataflam Tablets & Dispersable

	Tablets
Diclofenac sodium	Acu-Diclofenac Injection, Adco-Diclofenac Injection & Tablets, Arthrotec Tablets, Be-Tabs Diclofenac Injection, DicloHexal Injection. Suppositories & Tablets, Fortfen SR Capsules & Injection, Infla-Ban SR Tablets & Injection, Merck-Diclofenac Injection & Tablets, Micro Diclofenac Injection, Panamor Injection, Tablets, SR Tablets & Suppositories, Pharmflam Tablets & Suppositories, Rolab-Diclofenac Sodium Tablets, Veltex Capsules & Injection, Voltaren Drops. Injection, Ophtha Eye Drops, Ophtha Single Dose Units, Tablets, SR Tablets & Suppositories.
Diethylamine Salicylate	Reparil Gel
Diflucortolone valerate	Nerisone Cream, Ointment, Fatty Ointment, Forte Fatty Ointment & Forte Ointment, Travocort Cream
Dihydrocodeine	DF-118 Injection & Tablets, Paracodin Syrup
Diprenorphine	M5050
Dipyron	Buscopan Compositum Injection & Tablets, Scopex Co Tablets
Dydrogesterone	Duphaston Tablets
E. Eltenac	Telzenak
Ephedrine	Brunacord Syrup, Codef Syrup, Colcleer Tablets, Corbar Linctus Liquid, Coughcod Junior & Senior Syrup, Coughcod Syrup, Dequa-coff Syrup, Docsed Syrup, Flusin Tablets, Lenazine Forte Syrup, Linctodyl Syrup, Medituss Syrup, Oto-Phen Forte Drops, Phensedyl Syrup
Epinephrine	Epipen Injection
Esmolol	Brevibloc Injection for Infusion
Estradiol	Compudose
Estradiol cypionate	ECP S/S
Estradiol-17-beta	Compudose
Estradiol Benzoate	Mixogen Injection
Estradiol hemihydrate	Estring Vaginal Ring, Evorel Conti & Sequi Patches

Estradiol-17-valerate	
Estradiol-phenylpropionate	Mixogen Injection,
Oestrone sulphate	Ortho-Est Tablets
Etafedrine	Nethaprin Dospan Tablets & Expectorant Syrup
Etamiphyline camsylate	Myllophyline V
Ethinyl oestradiol	Biphasil Tablets, Cilest Tablets, Diane- 35 Tablets, E-Gen-C Tablets, Femodene ED Tablets, Ginette tablets, Loette Tablets, Logynon ED Tablets, Mavelon 150/30 Tablets, Melodene Tablets, Menoflush Tablets, Mercilon Tablets, Minerva Tablets, Minesse Tablets, Mirelle Tablets, Nordette Tablets, Nordiol Tablets, Ovral Tablets, Tricilest Tablets, Trinovum Tablets, Triodene ED Tablets, Triphasil Tablets, Yasmin Tablets.
Etofylline	Actophlem Syrup, Solphyflex Syrup, Solphyllin Syrup
F.	
Fenoterol	Atrovent Beta Unit Dose Vial, Berodual Metered Dose Inhaler, Berotec Inhaler, Inhalets, Solution, Syrup, Tablets & UDV Solution, Duovent Inhaler, Sabax Fenoterol Hydrobromide Inhalant Solution, Sabax Nebrafen Ampoules
Fentanyl	Durogesic Patches, Fentanyl- Fresenius Injection, Q-Med Fentanyl Injection, Sublimaze Injection
Fentanyl	Fentanyl
Fludrocortisone	Florinef Tablets
Fluestone acetate	Ovakron
Flumethasone	Fluvet
Fluxixin	Finadyne
Fluocinolone	Cortoderm Cream & Ointment, Synalar. Ointment, Cream & Gel, Synalar C Cream & Ointment, Synalar N Cream Ointment
Fluorogestone	Chrono-Gest Sponge
Fluorometholone	Efemoline Drops, Flucon Suspension, FML Suspension & Neo Suspension

Flurbiprofen	Froben Tablets, Ocufer Solution, TransActLAT Patch
Fluticasone propionate	Cutivate Cream & Ointment, Flixonase Nasal Spray & Nasules, Flixotide Accuhaler, Disks & Inhaler, Seretide Accuhaler & Inhaler
Formoterol	Foradil Inhaler & Dry Powder Inhalation Capsules, Oxis Turbuhaler, Symbicord Turbuhaler
G. Gestodene	Femodene ED Tablets, Melodene Tablets, Minesse Tablets, Mirelle Tablets, Triodene ED Tablets
Gestrinone	Tridomosa Capsules
Glycopyrrolate	Robinul Injection
Gonadotrophin	Chrono-Gest PMSG, Folligon, Fostim
Guaifenesin	Benylin Children's Wet Cough Liquid & Wet Cough Menthol
Guaiphenesin	Actited Wet Cough Non Drowsy Expectorant, Benylin Bronchospect Syrup, Colphen Syryp, Corbar Linctus Liquid, Demazin Expectorant, Endcol Expectorant Syrup, Linctifed Wet Cough Regular & Children's Syrup, Lotussin Linctus, Merck-Expectorant Adult & Paediatric Syrup, Neofed Adult & Paediatric Syrup, Trifen Solution & Paediatric Solution
H. Hexoprenaline	Ipradol Infusion, Inhalation Solution, Injection, Syrup & Tablets. Human Chorionic
Gonadotrophin	Pregnyl Injection, Profasi Injection
Human LH	Pergonal Injection. Human Recombinant
Erythropoietin	Eporex Injection, Recormon Injection, Injection Multidose Vial & Cartridge for Reco-Pen, Repotin Injection
Hydrocortisone	CiproBay HC Otic Drops, Covocort Tablets, Cutaderm Cream, Daktacort Cream, Otosporin Ear Drops, Proctosedyl Ointment & Suppositories, Procutan Cream & Ointment, Quinoderm H-Cream
Hydrocortisone	Special formula 17900 Forte

Hydrocortisone acetate	Anusol Suppositories HC, Dilucort Cream & Ointment, Fucidin-H Ointment, Mylocort Cream & Ointment, Neoderma Cream, Stopitch Cream, Terra-Cortril Eye/Ear Ointment, Terra-Cortril Eye/Ear Suspension, Terra-Cortril Topical Ointment, Viocort Cream
Hydrocortisone sodium Succinate	Solu-Cortef Injection
Hydrocortisone 17-butyrate	Locoic Lipocream, Cream, Lotion, Ointment & Topical Emulsion
Hydroxyethyl theophylline	Alcophyllex Liquid
Hyoscine-N-butylbromide	Buscopan Compositum Injection & Tablets, Buscopan Injection, Syrup & Tablets, Scopex Co Tablets
Hysoscine	Aspen Hyoscine Injection, Donnatal Elixir, Hyospasmod Tablets, Millerspas Tablets, Respinol Elixir & Compound Linctus, Scopex Injection & Tablets
Hyoscyamine	Donnatal Elixir, Millerspas Tablets
I. Ibuprofen	Adco-Ibuprofen Tablets, Advil CS Tablets, LiquiGels Capsules & Paediatric Suspension, Betagesic Tablets, Betaprofen Tablets, Brufen Paediatric Suspension, Tablets & Retard Tablets, Iboflam Tablets, Ibuleve Gel, Ibumax Paediatric Suspension & Tablets, Ibumed Caplets & SR Capsules, Inza Tablets, Lotem Suspension, Mybulen Tablets, Mypaid Capsules & Suspension, Nurofen Cold & Flu Tablets, Nurofen Children Sugar Free Suspension, Extra Strength Tablets, Junior Suspension & Tablets, Ranfen Tablets, Rolab-Ibuprofen Tablets
Indomethacin	Adco-Indogel Gel, Adco-Indomethacin Capsules, Aflamin 25 Capsules, Arthrexin Capsules & Suppositories, Betacin Capsules, Elmetacin Solution, Flamecid Capsules, Indocid Capsules & Suppositories, Mediflex Capsules, Methocaps Capsules, NISAID-25 Capsules, Restameth-SR Capsules, Rolab-Indomethacin Capsules & SR Capsules.

Ipratropium bromide	Atrovent Beta Unit Dose Vial, Atrovent Inhaler, Inhalets, Solution & Unit Dose Vial, Berodual Metered Dose Inhaler, Combivent Inhaler & UDV Solution, Duovent Inhaler, Ipvent Metered Dose Inhaler, Sabax Ipratropium Bromide Solution, Sabax Nebrafen Ampoules
K.	
Ketamine	Ketamine HCl-Fresenius Injection, Anaket-V
Ketoprofen	Fastum Gel, Ketoflam SR Capsules, Myproflam CR Capsules, Oruvail Capsules
Ketorolac	Acular Solution, Tora-Dol Injection & Tablets
Ketotifen	Adco-Ketotifen Syrup, KetoHexal Syrup, Zaditen Tablets, Syrup, SRO Tablets & Oral Infant Drops, Zetofen Syrup
L.	
L-ephedrine	Lotussin Linctus
Labetalol	Trandate Tablets & Injection
Levobuprivacaine	Chirocane Injection
Levonorgestrel	Biphasil Tablets, E-Gen-C Tablets, Loette Tablets, Logynon ED Tablets, Microval Tablets, Mirena Intra Uterine System, Nordette Tablets, Nordiol Tablets, Norlevo Tablets, Triphasil Tablets.
Lidocaine	Depo-Medrol Injection with Lidocaine, Xyllocaine Pump Spray
Lignocaine	Dequadin Mouth Paint, Emla 5% Cream & Patch, Flusin Lozenges, Lignocaine HCl-Fresenius Injection, Lignospan Special Injection, Minims Lignocaine & Fluorescein Solution, Remicaine Gel & Injection, Remicard Injection, Strepsils Plus Lozenges, Topla Cream, Xylotox SE Plain Injection, E 80A & L Injection Solution, Lignacaine 2%
Lornoxican	Xefo Injection & Tablets
M.	
Medrogestone	Prempak N Tablets
Medroxyprogesterone	Repromap
Medroxyprogesterone acetate	DepoProvera 150 Injection, Divina Tablets, Medroxyprogesterone

	Acetate-Fresenius Injection, Premelle Tablets & Cycle Tablets, Provera Tablets, Trivina Tablets
Mefenamic acid	Fenammin Tablets, Capsules & Suspension, Ponac Capsules, Suspension & Forte Tablets, Ponstan Capsules, Forte Tablets, Suspension & Paediatric Suppositories, Ponstel Capsules, Suspension & Forte Tablets, Rolab-Mefenamic Acid Capsules 250
Megestrol	Ovarid
Melengestrol	MGA 100
Meloxicam	Metacam
Meloxicam	Coxflam Tablets, Loxiflam Tablets, Mobic Injection, Suppositories & Tablets
Mepivacaine	Carbocaine Dental Injection, Scandonest, Injection with Adrenaline, Scandonest Injection Without Casoconstrictor
Mepyramine	Anthisan Cream, Elixir, Injection & Tablets, Bronchiflu Syrup, Codef Syrup, Codomill Syrup, Colcaps Capsules, Coughcod Junior & Senior Syrup, Docsed Syrup, Histodor Cream & Tablets, Medituss Syrup, Mepyraderm Cream, Mepyramine Maleate-Fresenius Injection, Mepyrimal Cream & Syrup, Metaxol Elixir
Mesterolone	Proviron Tablets
Mestranol	Norinyl-1/28 Tablets
Metenolone acetate	Primobolan S Tablets
Methocarbamol	Robaxin Tablets, Robaxisal Tablets
Methyl salicylate	Counterpain Cream, Thermo-Rub Ointment, Udder balm
Methylephedrine	Ilvico Syrup
Methylphenidate	Methylphenidate HCl-Douglas Tablets, Ritalin Tablets, SR Tablets & LA Capsules, Ritaphen Tablets
Methylprednisolone	Medrol Tablets, Solu-Medrol Injection
Aceponate	Advantan Cream, Ointment, Milk, Scalp Solution & Fatty Ointment

Methylprednisolone acetate	Depo-Medrol Injection, Depo-Medrol Injection with Lidocaine, Neo-Medrol Acne Lotion
Metipranolol	Beta-Ophtiole Eye Drops
Metoprolol	Lopresor Tablets
Mometasone furoate	Elocon Cream, Lotion & Ointment, Nasonex Nasal Spray, Rinelon Aqueous Nasal Spray
Morphine	Cyclimorph Injection, Micro Morphine Injection, Morphine Sulphate-Fresenius Injection, MST Continus Tablets, Omnopon-Fresenius Injection, SRM-Rhotard Tables
N. Nabumetone	Relifen Tablets, Relisan Tablets, Relitone Tablets
Nadolol	Corgard Tablets & HS Tablets, Corgaretic Tablets
Nandrolone decanoate	Deca-Durabolin Injection
Nandrolone laurate	Laurabolin
Naproxen	Adco-Naproxen Tablets, Aleve Caplets, Fibroxyn Tablets, Merck-Naproxen Tablets, Nafasol Suppositories & EC Tablets, Napflam Tablets, Naprel Tablets, Naprosript Tablets, Naprosyn Suppositories, Tablets, EC & SR Tablets, Rolab-Naproxen Tablets, Synflex Tablets
Noradrenaline	Xylotox L Injection Solution
Northisterone	Activell Tablet, Estro-Pause N-Tablets & N-Forte Tablets, Evoral Conti & Sequi Patches, Kliogest Tablet, Micro-Novum Tablets, Norinyl-1/28 Tablets, Nur-Isterate Injection, Primolut N Tablets, Trinovum
Norethisterone acetate	Estracombi TTS Patches, Evorel Conti & Sequi Patches, Trisequens Tablets & Forte Tablets
Norgestimate	Cilest Tablets, Prefesta Tablets, Tricilest Tablets
Norgestomet	Crestar
Norgestrel	Ovral Tablets, Postoval Tablets
Norpseudoephedrine Hydrochloride	Dietene Capsules, Eetless Capsules, Leanor Drops, Nobese No 1

Capsules, Slim 'n Trim Capsules

O.

Oestradiol

Activelle Tablet, Climara Patches, Estracombi TTS Patches, Estraderm TTS Patches, Estrofem Tablets & Forte Tablet, Femigel Gel, Kliogest Tablet, Oestradiol Implants, Prefesta Tablets, Trisequens Tablets & Forte Tablets, Vagifem Vaginal Tablets

Oestradiol benzoate

Component E-S, Synovex Plus

Oestradiol valerate

Divina Tablets, Estro-Pause Tablets, N-Tablets & N-Forte Tablets, Postoval Tablets, Primodian Depot Injection, Primogyn Depot Injection, Progynova Tablets, Trivina Tablets, Crestar

Oestriol

Synapause-E3 Tablets & E3 Vaginal Cream

Orciprenaline

Adco-Linctopent Syrup, Benylin chesty Linctus, Bisolvon Linctus DA Linctus, Bronkese Compound Linctus, Flemeze Syrup, Silomat Linctus DA Linctus

P.

Paracetamol

Abflex-4 Tablets, Actifed Cold & Fever Syrup & Tablets, Acufly P Syrup, Adco-Dol Tablets & Syrup, Adco-Flupain Syrup, Adco-Kiddipayne Forte Syrup, Adco-Paracetamol Syrup, Adco-Payne Forte Tablets, Adco-Sinal Co Tablets, Analgen Tablets, Antalgic Tablets & Syrup, Antipyn Tablets, Syrup & Forte Tablets, Asalen Tablets, B-Dol Tablets, Ban Pain Tablets & Syrup, Benylin Four Liquid, Besemax Tablets, Besenol NC Tablets, Betapyn Tablets, Bronchiflu Syrup, Brunomol Syrup, Calpol Syrup, Co-Codamol Effervescent Tablets, Cofendyl Syrup, Colcaps Syrup & Effervescent Tablets, Colcleer Tablets, Colstat Capsules, Degoran Effervescent Tablets, Hot Drink & C Capsules, Dequa-Flu Capsules, Disprin Junior Liquid, Distalgesic Tablets, Docdol Tablets, Dostil Paediatric Syrup, Doxyfene Capsules, Empacod Tablets, Empaped Suppositories, Endcol Cold & Flu Capsules, Famucaps Capsules & Syrup, Fevamol Syrup, Fevapar Tablets & Syrup, Flu-Stat Capsules & Syrup, Flusin Tablets, Capsules & Effervescent Tablets, Flutex Cold And Flu Capsules, Go-Pain P

Syrup, Go-Pain Tablets & Syrup, Goldgesic Tablets & Syrup, Grippon Capsules, Histacon Capsules, Histamed Compound Capsules, Infapain Syrup & Forte Syrup, Kid-Eeze Syrup, Kiddyflu Syrup, KPP Powders, Lentogesic Syrup & Capsules, Lotem Suspension, Megapyn Syrup & Tablets, Meprogesic Tablets, Mepromol Tablets & Syrup, Merck-Flu Syrup, Merck-Gesic Elixir, Micro-Gesic Tablets, Mybulen Tablets, Mypaid Capsules & Forte Tablets, Myprodol Capsules & Suspension, Napacod Tablets, Napamol Syrup & Tablets, Nitecall Syrup, Nomopain Tablets, Noralget Tablets, Norflex Co Tablets, Pacimol Tablets, Painagon Tablets & Syrup, Painamol Plus Tablets, Painamol Tablets & Syrup, Paincod Tablets, Panado Tablets, Capsules, Chew Tablets, Effervescent Tablets, Syrup, Paediatric Syrup Sugar & Alcohol Free & Infant Drops, Panado-Co Tablets, Paracetacod Tablets, Paracetamol 500 mg - Lennon Tablets, Paracetamol Elixir - SAD Syrup, Paxidal Tablets, Prolief Tablets, Propain Forte Capsules & Tablets, Propain Syrup & Tablets, Pynclear Effervescent Tablets, Pynmed Syrup & Tablets, Pynstop Tablets, Pyradol Syrup, Salterpyn Tablets & Syrup, Si-Nade Capsules, Sinuclear Capsules & Paediatric Syrup, Sinumax Allergy Sinus Caplet & Ped Liquid, Co Tablets, Cold and Flu Plus Cough Liquid, Ped Syrup & Tablets, Sinustat Capsules, Sinutab Tablets, Tablets ND, Tablets With Codeine & 12-Hour Cold And Flu Tablets, Spasmend Tablets, Spectrapain Capsules & Forte Capsules, Stilpane Capsules, Syrup & Tablets, Stopayne Capsules, Syrup & Tablets, Sudafed Sinus Pain Tablets, Suncodin Tablets, Supragesic Capsules & Syrup, Synaleve Capsules, LS Tablets & Paediatric Syrup, Synap Forte Tablets, Syndol Syrup & Tablets, Tensolve Tablets, Tenston Capsules, SA Tablets, Syrup & Tablets, Tramacet Tablets, Trinagesic Capsules, Tylenol Extended Relief Caplets, Children's Chew Tablets & Children's Elixir, Tylenol Cold and Flu Children's Chew Tablets & Night Pain Tablets, Vacudol Syrup & Forte Tablets, Varipan Tablets, Veganin 3 Tablets, Winpain

	Syrup, Xerogesic Tablets
Parecoxib	Rayzon Powder for Injection
Pemoline	Lentogesic Capsules
Pentazocaine	Pentazacine-Fresenius Injection, Q-Med Pentazocine Injection, Sosenol Injection
Pentifylline	Cosaldon Retard Tablets
Pentoxifylline	Trental 400 SR Tablets
Pethidine	Micro Pethidine Injection, Pethidine HCl-Fresenius Injection
Phenazone	Aurasept Ear Drops, Aurone Drops, Aurone Forte Drops, Covancaine Drops, Otised Ear Drops, Oto-Phen Drops, Oto-Phen Forte Drops
Pheniramine	Calasthetic Cream
Pheniramine Maleate	Degoran Effervescent Tablets
Phenylbutazone	Inflazone Tablets, Equipalazone, Fenylbutazone 20% Phenix, Phenylarthrite, Tomanol
Phenylephedrine	Famucaps Capsules
Phenylephrine	Asalen Tablets, Colcaps Capsules & Effervascent Tablets, Cophen Syrup, Colstat Capsules, Corenza C Effervescent Tablets, Cyclomydril Solution, Degoran Cough Syrup, Effervescent Tablets & C Capsules, Demazin Syrup, Dequa-Flu Capsules, Dristin Tablets, Endcol Cold & Flu Capsules, ENT Drops & Spray, Flu-Stat Capsules, Flutex Cold and Flu Capsules, Grippon Capsules, Histacon Capsules, Histamed Compound Capsules, I-Glo Drops, Kiddyflu Syrup, Minims Phenylephrine Hydrochloride Solution, Naphensyl Drops & Paediatric Drops, Nasdro Drops, Nethapin Dospan Tablets, Phenylephrine Covan Drops, Prefrin Solution, Respinol Elixir, Rinex Syrup, Diffucaps & Paediatric Syrup, Vobrocil Drops, Gel, Nasal Spray, S Gel & S Solution
Phenylpropanolamine	Adco-Sinal Co Tablets, Bronchiflu Syrup, Colcaps Capsules, Demazin Anti-Tussive, Dilinct Cough & Cold Liqui-capsules, Flu-Stat Syrup, Merck-Flu Syrup, Nitecall Syrup, Rinex Diffucaps, Syrup & Paediatric Syrup,

	Si-Nade Capsules, Sinuclear Capsules, Sinustat Capsules, Sinutab Tablets. Tablets ND, 12-Hour Cold and Flu Tablets & Tablets With Codeine
Phenyltoloxamine	Adco Sinal Co Tablets, Dequa-Flu Capsules, Pholtex Linctus, Sinutab Tablets, Tablets With Codeine, 12-Hour Cold and Flu Tablets, Suncodin
Pholcodine	Docsed Syrup, Foloc Pholcolinct Liquid, Pholtex Forte Linctus, Junior Linctus, Pholtex Linctus, Respinol Compound Linctus.
Piroxicam	Adco-Piroxicam Capsules, Brexecam Tablets, CPL Alliance Piroxicam Capsules, Feldene Capsules, Dispersible Tablets, Injection & Suppositories, Merck-Piroxicam Capsules, Pixicam Dispersible Tablets, Pyrocaps Capsules, Rheugesic Gel & Dispersable Tablets, Rolab-Piroxicam Capsules & Dispersible Tablets, Xycam Capsules, Dispersable Tablets & Suppositories
Prednisolone	Capsoid Tablets, Lenisolone Tablets, Meticortelone Tablets, Minims Prednisolone Sodium Phosphate Solution, Pred-Mild Suspension & Forte Suspension, Pred-Mild, Preflam Syrup, Prelone Syrup, Scheriproct Suppositories & Ointment, Dog Eczema, Prednisolone, Solu-Delta Cortef
Prednisone	Be-Tabs Prednisone Tablets, Meticorten Tablets, Panafcort Tablets, Pulmison Tablets & Paediatric Oral Solution
Prilocaine	Emla 5% Cream & Patch, Topla Cream
Procaine benzyl penicillin	Depomycin, Depocillin, Nafpenzal, Pendistrep 20/20, Penstrep
Procaine penicillin Injection	Procillin Injection, Ultracillin IM
Procaine penicillin	Albadry Plus, Compropen, Duplocillin, Lentrax, Neo-Mastitar, Penstrep, Procastrep, Streptocillin
Progesterone	Cyclogest Pessaries, Utrogestan Capsules, Eazi-Breed CIDR G, Eazi-Breed CIDR B
Proligestone	Delvosteron

Propranolol	Inderal Tablets & LA Capsules, Prodorol Tablets, Purbloka Tablets, Rolab-Propranolol HCl Tablets
Pseudoephedrine	Actifed Cold Tablets & Syrup, Cold & Fever Tablets & Syrup, Dry Cough Regular Linctus, Dry Cough Sugar Free Syrup, Wet Cough Non Drowsy Expectorant, Acuflu P Syrup, Adco- Flupain Syrup, Adco-Sufedrin Syrup & Tablets, Adco-Tussend Syrup, Advil CS Tablets, Benylin Four Liquid & Syrup DMD, Betafed Syrup, Clarityne D OD Extended Release Tablets & D Repetablets, Cofendyl Syrup, Colcaps Syrup, Coryx Paediatric Syrup & Effervescent Tablets, Degoran Hot Drink, Demazin Decongestant Syrup, Expectorant & NS Tablets, Drilix Syrup, Endcol Co Linctus, DM Adult Syrup & Expectorant Syrup, Famucaps Syrup, Fludactil Syrup & Co Linctus Syrup, Flusin Capsules, Effervescent Tablets, C Syrup & DM Syrup, Flutex Decon-S Syrup, Linctifed Wet Cough Regular & Children's Syrup, Medifed Linctus, Merck-Cough Linctus Syrup, Merck- Expectorant Adult & Paediatric Syrup, Merck-Fed Tablets & Syrup, Monofed Tablets & Syrup, Neofed Adult & Paediatric Syrup, Nurofen Cold & Flu Tablets, Polaratyne D Repetabs, Respinol Compound Linctus, Sinu- med Tablets & Syrup, Sinuclear Paediatric Syrup, Sinumax Tablets, Co Tablets, Cold and Flu Plus Cough Liquid, Ped Syrup. Allergy Sinus Caplet & Ped Liquid, Sudafed Sinus Tablets, Sudafed Sinus Pain Tablets & Children's Syrup, Symptofed Tablets, Tixylix Flu Tablets, Trifen Solution & Paediatric Solution, Tylenol Cold and Flu Children's Chew Tablets.
R.	
Ramifenazone	Dexa-Tomanol
Rofecoxib	Vioxx Tablets
S.	
Salbutamol	Airomir Metered Dose Inhaler & Autohaler, Asthavent Ecohaler. Inhaler, Syrup & DP-Caps, Combivent Inhaler & UDV Solution, Cybutol Cyclocaps, Venteze Inhaler, Respirator Solution, Syrup & Tablets; Ventolin Accuhaler, Inhaler, Injection, IV Infusion, Nebules, Respirator Solution' & Syrup, Volmax Tablets.

Salicylamide	Colcaps Capsules, Flutex Cold and Flu Capsules, Histamed Compound Capsules, Ilvico Tablets
Salicylate	Colphen Syrup, Ilvico Syrup
Salicylic Acid	Antipeol Ointment, Aserbine Cream, Diprosalic Lotion, Diprosalic Ointment, Posalfilin Ointment, Sebbaderm Shampoo, STA Lotion
Salmeterol	Seretide Accuhaler & Inhaler, Serevent Accuhaler & Inhaler
Soluble insulin aspart	NovoRapid Injection
Protamine-crystalised insulin Aspart	NovoMix 30 Injection
Somatropin	Genotropin Injection, Humatrope Injection, Norditropin Injection & Simplexx Injection, Saizen Injection
Sotalol	Sotacor Tablets & Injection, Sotahexal Tablets
Sufentanil	Sufenta Injection & Forte Injection
Sullindac	Adco-Sulindac Tablets
T. Tamoxifen	Kessar Tablets, Neophedan Tablets, Nolvadex Tablets, Tamoplex Tablets
Tenoxicam	Tilcotil Tablets, Effervescent Tablets & Injection, Tobitil Tablets
Terbutaline	Benylin Bronchospect Syrup, Bricanyl Inhaler & Turbuhaler, Bronchoped Syrup
Testosterone	Testosterone Implants Pellets
Testosterone cypionate	Depo-Testosterone Injection, Depotrone Injection, Testan 100
Testosterone decanoate	Sustanon 250 Injection
Testosterone enantate	Primodian Depot Injection
Testosterone isocaproate	Sustanon 250 Injection, Mixogen Injection
Testosterone phenylpropionate	Sustanon 250 Injection, Mixogen Injection
Testosterone propionate	Sustanon 250 Injection, Mixogen Durateston Injection, Component E-H,
Testosterone undecanoate	Androxon Capsules
Tetracaine hydrochloride	Covostet Drops, Dynexan Ointment

Theophylline	Actophlem Syrup, Alcophyllex Liquid, Alcophyllin Syrup, Diatussin Syrup, Dilinct Syrup, Euphyllin Retard Tablets, Lipostabil Capsules, Metaxol Elixir, Microphyllin Capsules Nuelin Liquid & SA Tablets, Pulmophyllin SR Tablets, Rolab-Theophylline Anhydrous SR Tablets, Solphyllex Syrup, Solphyllin Syrup, Theophen Syrup & Comp Syrup, Theoplus SR Tablets, Uniphyl CR Tablets
Theophylline & Ethylenediamin	Norstan Theophylline & Ethylenediamine Tablets
Tilidine	Valoron Capsules & Drops
Timolol	Cosopt Ophthalmic Solution, Glaucosan Eye Drops, Moducren Tablets, Nyogel Gel, Servatrin Tablets, Timoptol Solution & XE Gellan Solution, Xalacom Eye Drops
Tramadol	Tramacet Tablets, TramaHexal Capsules, Tramal Capsules, Drops, Injection, SR Tablets & Suppositories
Trenbolone	Component TE 140/28, Revalor
Triamcinolone	Dermotab
Triamcinolone acetonide	Kenacomb Cream & Ointment, Kenalog In Orabase Ointment, Nasacor T Nasal Spray, Pevisone Cream & Ointment, Trialone Cream
Tripolidine	Actifed Cold & Fever Syrup & Tablets, Actifec Cold Syrup & Tablets, Actifec Dry Cough Regular Linctus & Sugar Free Syrup, Acufly Syrup, Adco Flupain Syrup, Adco-tussend Syrup, Betafed Syrup, Coryx Paediatric Syrup, Endcol Co Linctus, DM Adult Syrup & Exepctornat Syrup, Fludactil Syrup & Co Linctus, Linctifed Wet Cough Regular & Children's Syrup, Medifed Linctus, Merck-Cough Linctus Syrup, Merck-Expectorant Paediatric & Adult Syrup, Merck-Fed Syrup & Tablets, Neofed Adult & Paediatric Syrup, Sinuclear Paediatric Syrup, Tixylix Ru Tablets, Trifen Solution & Paediatric Solution
V. Vedaprofen	Quadrisol 100 gel, Quadrisol IV 50
X. Xylazine	Chanazine, Rompun 2%

