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 SASCOC, 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 SASCOC 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.

SANPO 2005
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-inflammatory 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 (adrenoreseptor 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 The Member and affiliates federation, union or club is authorized to test any pigeons of club members at any level on the night of basketing only.

3.3 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.

3.4 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 All SANPO members needs to comply and no need to a document to be signed in the beginning of a season.

4.1.2 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.

4.1.3 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.

4.1.4 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 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).

4.2.2 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 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.

4.3.2 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

4.3.3 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.

4.3.4 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 any SANPO APPROVED Laboratory 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 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.

4.6.8 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.

4.6.9 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.

4.6.10 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.

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

4.7.4 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.
5.1.1.15 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).

5.1.1.16 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
Turffclub 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

OR

FDA Laboratories
473 Alexander Street
Brooklyn
Pretoria
0181

Tel: (012) 346-8569
Fax: (086) 692-8145
www.fdalab.co.za

5.1.1.17 A copy of the docket (ANNEXURE 4) should be faxed to the Laboratory to notify them of the pending delivery.

5.1.1.18 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.

5.1.1.19 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.

5.1.1.20 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 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

5.1.3.1 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.

5.1.3.2 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.

5.1.3.3 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.

5.1.3.4 It is recommended that race baskets / panniers be regularly cleaned before they are brought to the clubhouse for basketing purposes.

5.1.3.5 The driver of the transport vehicle and his assistant will remove the numbered baskets / panniers according to the authorised order as per ANNEXURE 3.

5.1.3.6 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.

5.1.3.7 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.

5.1.2.2 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

The Member and affiliates federation, union or club is authorized to test any pigeons of club members at any level on the night of basketing only.

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.

5.3 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.

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
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 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.

7.3.3 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.

7.3.4 See Constitution : 2.3.2

“A reasonable time is deemed to be that the 1st hearing will take place no later than 90 days after, in the case of Positive Dope Testing, and within 21 days after receiving a report or need to discipline Non-Compliant behavior. Either incident referred to above to be concluded no later than 6 months after the infringement. The member will continue to be allowed to fly until the outcome of the hearing/appeal, at which time the
relevant punitive sanctions will be applicable. (From date of the offence/infringement).

This is on the premise that South African Law is based on the principal that someone is innocent until proven guilty. Should the timelines not be achieved the parties can apply to SANPO for condonation.

SANPO have the right except or reject the request.

Note: In case of a positive test, all pigeons basketed by the fancier will be disqualified for that specific race. (Team of pigeons)"

7.3.4 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 See Annexure C 2.3.2

A reasonable time is deemed to be that the 1st hearing will take place no later than 90 days after, in the case of Positive Dope Testing, and within 21 days after receiving a report or need to discipline Non-Compliant behavior. Either incident referred to above to be concluded no later than 6 months after the infringement. The member will continue to be allowed to fly until the outcome of the hearing/appeal, at which time the relevant punitive sanctions will be applicable. (From date of the offence/infringement).

This is on the premise that South African Law is based on the principal that someone is innocent until proven guilty. Should the timelines not be achieved the parties can apply to SANPO for condonation. SANPO have the right except or reject the request.

Note: In case of a positive test, all pigeons basketed by the fancier will be disqualified for that specific race. (Team of pigeons)
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 See Annexure C (2.3.2)

A reasonable time is deemed to be that the 1st hearing will take place no later than 90 days after, in the case of Positive Dope Testing, and within 21 days after receiving a report or need to discipline Non-Compliant behavior. Either incident referred to above to be concluded no later than 6 months after the infringement. The member will continue to be allowed to fly until the outcome of the hearing/appeal, at which time the relevant punitive sanctions will be applicable. (From date of the offence/infringement).

This is on the premise that South African Law is based on the principal that someone is innocent until proven guilty. Should the timelines not be achieved the parties can apply to SANPO for condonation. SANPO have the right except or reject the request.

Note: In case of a positive test, all pigeons basketed by the fancier will be disqualified for that specific race. (Team of pigeons)

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 Cases where fanciers, according to the contents of the Manual, have exposed themselves to active or passive complicity of any kind.

8.1.2.7 To judge the contraventions and hand down penalties and suspensions in terms of Section 8.2.

8.1.2.8 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.

8.1.2.9 Issue clearance certificates.

8.1.2.10 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 See Annexure C (2.3.2)

A reasonable time is deemed to be that the 1st hearing will take place no later than 90 days after, in the case of Positive Dope Testing, and within 21 days after receiving a report or need to discipline Non-Compliant behavior. Either incident referred to above to be concluded no later than 6 months after the infringement. The member will continue to be allowed to fly until the outcome of the hearing/appeal, at which time the relevant punitive sanctions will be applicable. (From date of the offence/infringement).

This is on the premise that South African Law is based on the principal that someone is innocent until proven guilty. Should the timelines not be achieved the parties can apply to SANPO for condonation. SANPO have the right except or reject the request.

Note: In case of a positive test, all pigeons basketed by the fancier will be disqualified for that specific race. (Team of pigeons)

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

A reasonable time is deemed to be that the 1st hearing will take place no later than 90 days after, in the case of Positive Dope Testing, and within 21 days after receiving a report or need to discipline Non-Compliant behaviour. Either incident referred to above to be concluded no later than 6 months after the infringement. The member will continue to be allowed to fly until the outcome of the hearing, at which time the sanctions will be applicable. (Date of the offence/infringement).

This is on the premise that South African Law is based on the principal that someone is innocent until proven guilty. Should the timelines not be achieved the parties can apply to SANPO for condonation. SANPO have the right except or reject the request.

8.2.3.1 1st Offence: Minimum punitive sanction a warning (fancier) with immediate disqualification of the team (pigeons) for the specific race.

8.2.3.2 2nd Offence: Minimum punitive sanction 185 days suspension i.e. one active season. (Banned to fly any pigeons from the same stand or plot – different names)

8.2.3.3 3rd Offence: Life-time ban.

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 SASCO 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
Acetylsalicylic acid
Acid salicylate
Adrenaline
Aescin
Alfentanil
Ambuphyline
Amethocaine
Aminophylline
Apomorphine
Aspirin

Sectral Capsules, Injection & Tablets
Analgen Tablets, Emzaclear Acne Lotion
Pyralvex Liquid
Adrenaline Tartrate-Fresenius Injection, Lignospan special Injection, Macaine Injection with adrenaline, Micro Adrenaline Injection, Scandonest Injection with adrenaline, Xylotox E 80A Injection Solution
Essaven Gel, Reparil Gel
Rapifan Injection
Nethaprin Dospan Tablets & Expectorant Syrup
Amethocaine Cream, Anethaine Cream, Minims Amethocaine Hydrochloride Solution
Urima Sublingual Tablets
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 Ag 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, Calaesthetic
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, Betnovaid 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-Linctlopent Syrup, Benylin Chesty Linctus, Bisolvon Linctus DA Linctus, Bisolvon Solution & Tablets, Bronkese Tablets, Bronkese Compound Linctus, Fleimeze Syrup |
| 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, TemgesitInjection & Sublingual Tablets |
| Caffeine | Abflex-4 Tablets, Adco-Dol Tablets, Tablets, Analgen Tablets, Antipyn Forte Tablets, Asalen Tablets, B-Dol Tablets, Ban Pain Tablets, Betapyn Tablets, Caf ergot Tablets & PB Suppository, Colcaps Capsules, Colcleer 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, Ilivico 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 Carlloc 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 Omnopen-Fresenius Injection


Conjugated oestrogens

Premarin IV Injection, Tablets & Vaginal Cream, Premelle Tablets & Cycle Tablets, Prempak N Tablets

Cortisone acetate

Cortogen Tablets
<table>
<thead>
<tr>
<th>Compound</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyproterone acetate</td>
<td>Androcur Tablets &amp; Depot Injection, Cipla-Cyproterone Acetate 50 Tablets, Climen Tablets, Diane-35 Tablets, Ginette Tablets, Minerva</td>
</tr>
<tr>
<td>D. Danazol</td>
<td>Danogen Capsules, Ladazol Capsules</td>
</tr>
<tr>
<td>Dexamethasone</td>
<td>Dexafort, Kortico, Naquasone</td>
</tr>
<tr>
<td>Dexamethasone sodium Phosphate</td>
<td>Dexe 0,2, Phenix, Colvasone</td>
</tr>
<tr>
<td>d-Propoxphene napsylate</td>
<td>Synap Forte Tablets</td>
</tr>
<tr>
<td>Desogestrel</td>
<td>Marvelon Tablets, Mercilon Tablets</td>
</tr>
<tr>
<td>Dexamethasone</td>
<td>Decadron Tablets &amp; Injection, Maxidex Suspension, Maxitrol Ointment &amp; Suspension, Sofradex Drops &amp; Ointment, Tobraclen Ointment &amp; Suspension</td>
</tr>
<tr>
<td>Dexamethasone disodium Phosphate</td>
<td>Spersadex Drops, Spersadex Comp Drops, Spersadexoloxine Drops</td>
</tr>
<tr>
<td>Dexamethasone sodium Sulphate</td>
<td>Covomycin-D Drops</td>
</tr>
<tr>
<td>Dextro-propoxphene</td>
<td>Lentogesic Capsules</td>
</tr>
<tr>
<td>Dibucaine</td>
<td>Medi-Keel A Throat Gargle</td>
</tr>
<tr>
<td>Diclofenac diethylammonia</td>
<td>Voltaren Emugel</td>
</tr>
<tr>
<td>Diclofenac potassium</td>
<td>Cataflam Tablets &amp; Dispersable Tablets</td>
</tr>
<tr>
<td>Diethylamine Salicylate</td>
<td>Reparil Gel</td>
</tr>
<tr>
<td>Diflucortolone valerate</td>
<td>Nerisone Cream, Ointment, Fatty Ointment, Forte Fatty Ointment &amp; Forte Ointment, Travocort Cream</td>
</tr>
<tr>
<td>Dihydrocodeine</td>
<td>DF-118 Injection &amp; Tablets, Paracodin Syrup</td>
</tr>
<tr>
<td>Drug Name</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Diprenorphine</td>
<td>M5050</td>
</tr>
<tr>
<td>Dipyrone</td>
<td>Buscopan Compositum Injection &amp; Tablets, Scopex Co Tablets</td>
</tr>
<tr>
<td>Dydrogesterone</td>
<td>Duphaston Tablets</td>
</tr>
<tr>
<td>E. Eltenac</td>
<td>Telzenak</td>
</tr>
<tr>
<td>Ephedrine</td>
<td>Brunacord Syrup, Codef Syrup, Colcleer Tablets, Corbar Linctus Liquid, Coughcod Junior &amp; Senior Syrup, Coughcod Syrup, Dequa-coff Syrup, Docsed Syrup, Flusin Tablets, Lenazine Forte Syrup, Linctodyl Syrup, Medituss Syrup, Oto-Phen Forte Drops, Phensedyl Syrup</td>
</tr>
<tr>
<td>Epinephrine</td>
<td>Epipen Injection</td>
</tr>
<tr>
<td>Esmolol</td>
<td>Brevibloc Injection for Infusion</td>
</tr>
<tr>
<td>Estradiol</td>
<td>Compudose</td>
</tr>
<tr>
<td>Estradiol cypionate</td>
<td>ECP S/S</td>
</tr>
<tr>
<td>Estradiol-17-beta</td>
<td>Compudose</td>
</tr>
<tr>
<td>Estradiol Benzoate</td>
<td>Mixogen Injection</td>
</tr>
<tr>
<td>Estradiol hemihydrate</td>
<td>Estring Vaginal Ring, Evorel Conti &amp; Sequi Patches</td>
</tr>
<tr>
<td>Estradiol-17-valerate</td>
<td>Mixogen Injection</td>
</tr>
<tr>
<td>Estradiol-phenylpropionate</td>
<td>Ortho-Est Tablets</td>
</tr>
<tr>
<td>Oestrone sulphate</td>
<td>Nethaprin Dospan Tablets &amp; Expectorant Syrup</td>
</tr>
<tr>
<td>Etafedrine</td>
<td>Mylophyline V</td>
</tr>
<tr>
<td>Ethinyl oestradiol</td>
<td>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, Tiroidene ED Tablets, Triphasil Tablets, Yasmin Tabltes.</td>
</tr>
<tr>
<td>Etofylline</td>
<td>Actophlem Syrup, Solphyflex Syrup, Solphyllin Syrup</td>
</tr>
</tbody>
</table>
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

Flucinolone
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, Ocufen Solution,
TransActLAT Patch

Fluticasone propionate
Cutivate Cream & Ointment,
Flixonase Nasal Spray & Nasules,
Flixtide Accuhaler, Disks & Inhaler,
Seretide
Accuhaler & Inhaler

Formoterol
Foradil Inhaler & Dry Powder
Inhalation Capsules, Oxis Turbuhaler,
Symbicord Turbuhaler

G.
Gestodene
Femodene ED Tablets, Melodene
Tablets, Minessse 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 Syrup, 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
Eprex 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, Neoderm 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, Donnatael
Elizir, Hyospasmol Tablets,
Millerspas Tablets, Respinol Elixir &
Compound Linctus, Scopex Injection &
Tablets

Hyoscyamine
Donnatael 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-Indomethacin Tablets

Indomethacin


Ipratropium bromide

Atrovent Beta Unit Dose Vial, Atrovent Inhaler, Inhalets, Solution & Unit Dose Vial, Berodual Metered Dose Inhaler, Combivent Inhaler & UDV Solution, Duvoent 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

Levobupivacaine

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, Xylocaaine 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 8OA & L Injection Solution, Lignacaine 2%

Lormoxicam
- 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
- Fenamin 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.
9-Fluoroprednisolone
Colombovac Paratyphus, Count-down Teat Dip, Enacard Tablets, Kaligel, Mediprim, Predef 2X, Visel

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, Fibroxy Tablets, Merck-Naproxen Tablets, Nafasol Suppositories & EC Tablets, Napflam Tablets, Naprel Tablets, Naproscript
<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Equivalent Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tablets, Naprosyn Suppositories,</td>
<td>Tablets, EC &amp; SR Tablets, Rolab-Naproxen Tablets, Synflex Tablets</td>
</tr>
<tr>
<td>Noradrenaline</td>
<td>Xylotox L Injection Solution</td>
</tr>
<tr>
<td>Northisterone</td>
<td>Activell Tablet, Estro-Pause N-Tablets &amp; N-Forte Tablets, Evoral Conti &amp; Sequi Patches, Kliogest Tablet, Micro-Novum Tablets, Norinyl-1/28 Tablets, Nur-Isterate Injection, Primolut N Tablets, Trinovum</td>
</tr>
<tr>
<td>Norethisterone acetate</td>
<td>Estracombi TTS Patches, Evorel Conti &amp; Sequi Patches, Trisequens Tablets &amp; Forte Tablets</td>
</tr>
<tr>
<td>Norgestimate</td>
<td>Cilest Tablets, Prefesta Tablets, Tricilest Tablets</td>
</tr>
<tr>
<td>Norgestomet</td>
<td>Crestar</td>
</tr>
<tr>
<td>Norgestrel</td>
<td>Ovral Tablets, Postoval Tablets</td>
</tr>
<tr>
<td>Norpseudoephedrine Hydrochloride</td>
<td>Dietene Capsules, Eetless Capsules, Leanor Drops, Nobese No 1 Capsules, Slim 'n Trim Capsules</td>
</tr>
<tr>
<td>Oestradiol</td>
<td>Activelle Tablet, Climara Patches, Estracombi TTS Patches, Estraderm TTS Patches, Estrofem Tablets &amp; Forte Tablet, Femigel Gel, Kliogest Tablet, Oestradiol Implants, Prefesta Tablets, Trisequens Tablets &amp; Forte Tablets, Vagifem Vaginal Tablets</td>
</tr>
<tr>
<td>Oestradiol benzoate</td>
<td>Component E-S, Synovex Plus</td>
</tr>
<tr>
<td>Oestradiol valerate</td>
<td>Divina Tablets, Estro-Pause Tablets, N-Tablets &amp; N-Forte Tablets, Postoval Tablets, Primodian Depot Injection, Primogyn Depot Injection, Progynova Tablets, Trivina Tablets, Crestar</td>
</tr>
<tr>
<td>Oestriol</td>
<td>Synapause-E3 Tablets &amp; E3 Vaginal Cream</td>
</tr>
<tr>
<td>Orciprenaline</td>
<td>Adco-Linctopent Syrup, Benylin chesty Linctus, Bisolvon Linctus DA Linctus, Bronkese Compound Linctus, Flemeze Syrup, Silomat Linctus DA Linctus</td>
</tr>
</tbody>
</table>
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, Suncozin 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 Chew Tablets & Night Pain Tablets, Vacudol Syrup & Forte Tablets, Varipan Tablets, Veganin 3 Tablets, Winpainsymp Tablets, Xerogesic Tablets

Parecoxib Rayzon Powder for Injection

Pemoline Lentogesic Capsules

Pentazocaine Pentazocine-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

Phenazine 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, Fenybuthazone 20% Phenix, Phenylarthrite, Tomanol

Phenylephedrine Famucaps Capsules

Phenylephrine Asalen Tablets, Colcaps Capsules & Effervescent Tablets, Cophen Syrup, Colstat Capsules, Corenzac Effervescent Tablets, Cyclomysdril Solution, Degoranz Cough Syrup, Effervescent Tablets & C Capsules, Demazin Syrup, Dequa-Flu Capsules, Dristin Tablets, Endcol Cold & Flu Capsules, ENT Drops & Spray, Flu-

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  
Prilocaine Emla 5% Cream & Patch, Topla Cream

Procaine benzyl penicillin  
Procaine benzyl penicillin Depomycin, Depocillin, Nafpenzal, Pendistrep 20/20, Penstrepro

Procaine penicillin Injection  
Procaine penicillin Injection Procillin Injection, Ultracillin IM

Procaine penicillin  
Procaine penicillin Albadry Plus, Compropen, Duplocillin, Lentrax, Neo-Mastitar, Penstrepro, Procastrep, Streptocillin

Progesterone  
Progesterone Cyclogest Pessaries, Utrogestan Capsules, Eazi-Breed CIDR G, Eazi-Breed CIDR B

Proligestone  
Proligestone Delvosteron

Propranolol  
Propranolol Inderal Tablets & LA Capsules, Prodorol Tablets, Publokola Tablets, Rolab-Propranolol HCl Tablets

Pseudoephedrine  
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>R.</td>
<td>Ramifenazone</td>
</tr>
<tr>
<td></td>
<td>Salicylamide</td>
</tr>
<tr>
<td></td>
<td>Salicylate</td>
</tr>
<tr>
<td></td>
<td>Salicylic Acid</td>
</tr>
<tr>
<td></td>
<td>Salmeterol</td>
</tr>
<tr>
<td></td>
<td>Soluble insulin aspart</td>
</tr>
<tr>
<td></td>
<td>Protamine-crystalised insulin Aspart</td>
</tr>
<tr>
<td></td>
<td>Somatropin</td>
</tr>
<tr>
<td></td>
<td>Sotalol</td>
</tr>
<tr>
<td></td>
<td>Sufentanil</td>
</tr>
<tr>
<td></td>
<td>Sulindac</td>
</tr>
<tr>
<td>T.</td>
<td>Tamoxifen</td>
</tr>
<tr>
<td></td>
<td>Tenoxicam</td>
</tr>
<tr>
<td></td>
<td>Terbutaline</td>
</tr>
<tr>
<td></td>
<td>Testosterone</td>
</tr>
<tr>
<td></td>
<td>Testosterone cypionate</td>
</tr>
<tr>
<td></td>
<td>Testosterone decanoate</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Brand Names / Formulations</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Testosterone enantate</td>
<td>Primodian Depot Injection</td>
</tr>
<tr>
<td>Testosterone isocaproate</td>
<td>Sustanon 250 Injection, Mixogen Injection</td>
</tr>
<tr>
<td>Testosterone phenylpropionate</td>
<td>Sustanon 250 Injection, Mixogen Injection</td>
</tr>
<tr>
<td>Testosterone propionate</td>
<td>Sustanon 250 Injection, Mixogen Duration</td>
</tr>
<tr>
<td>Testosterone undecanoate</td>
<td>Androxon Capsules</td>
</tr>
<tr>
<td>Tetracaine hydrochloride</td>
<td>Covostet Drops, Dynexan Ointment</td>
</tr>
<tr>
<td>Theophylline &amp; Ethylenediamin</td>
<td>Norstan Theophylline &amp; Ethylenediamine Tablets</td>
</tr>
<tr>
<td>Tilidine</td>
<td>Valoron Capsules &amp; Drops</td>
</tr>
<tr>
<td>Timolol</td>
<td>Cosopt Ophthalmic Solution, Glaucosan Eye Drops, Moducren Tablets, Nyogel Gel, Servatrin Tablets, Timoptol Solution &amp; XE Gellan Solution, Xalacom Eye Drops</td>
</tr>
<tr>
<td>Tramadol</td>
<td>Tramacet Tablets, TramaHexal Capsules, Tramal Capsules, Drops, Injection, SR Tablets &amp; Suppositories</td>
</tr>
<tr>
<td>Trenbolone</td>
<td>Component TE 140/28, Revalor</td>
</tr>
<tr>
<td>Triamcinolone</td>
<td>Dermotab</td>
</tr>
<tr>
<td>Triamcinolone acetonide</td>
<td>Kenacomb Cream &amp; Ointment, Kenalog In Orabase Ointment, Nasacor T Nasal Spray, Pevisone Cream &amp; Ointment, Trialone Cream</td>
</tr>
</tbody>
</table>
Paediatric & Adult Syrup, Merck-Fed
Syrup & Tablets, Neofed Adult &
Paediatric Syrup, Sinuclear Paediatric
Syrup, Tixylix Ru Tablets, Trifen
Solution & Paedriatric Solution

V.
Vedaprofen

Quadrisol 100 gel, Quadrisol IV 50

X.
Xylazine

Chanazine, Rompun 2%