***Instructions****: This application form must be completed in duplicate.* It must only be signed by the applicant or a*person who has been given power of attorney by the applicant to sign on their behalf. Only South African residents or employees of a business that has a South African office can complete this application form. It must be handed in together with relevant supporting documents.*

CHECK LIST FOR APPLICATION FORM

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Product name: | | | | | | | | |
| Type of feed: Select Product Type from the Drop List | | | Type of application:  New registration Parallel registration  Amendment Daughter registration  Reinstatement of registration Transfer of registration | | | | | |
| Raw material  Feed additive  Livestock feed  Pet food | | .Choose an item.  .Choose an item.  .Choose an item.  .Choose an item. |
| Application Category:  Importer for own use Importer for retail/sell Local manufacturer for retail/sell Local trader/distributor/seller | | | | | | | | |
| SUPPORTING DOCUMENTATION | | | | | YES | NO/ MISSING | PREVIOUSLY SUBMITTED | |
| Proof of registration in terms of Act No. 27 of 2003 (SACNASP), Act 19 of 1982 (Veterinary and Para-Veterinary professions) or Act 53 of 1974 (Pharmacy) (MANDATORY)  (Not applicable to raw materials) | | | | |  |  |  | |
| Proof of registration in terms of Companies Act / Identity document (MANDATORY) | | | | |  |  |  | |
| Proof of independent auditable traceability system (ISO/ SABS/ NRCS/GMP/DAFF Animal Health) | | | | |  |  |  | |
| Proof of exemption to use ruminant blood meal in monogastric feed (MANDATORY) | | | | |  |  |  | |
| Proposed Label/ Label art-work  (MANDATORY) | | | | |  |  |  | |
| Certificates of analyses or Product formula  (MANDATORY) | | | | |  |  |  | |
| Product specification sheet  (MANDATORY) | | | | |  |  |  | |
| Product data requirements as per Annexure 1  (MANDATORY)  (Applicable to Feed Additives) | | | | |  |  |  | |
| Exporter proof of compliance with Competent Authority in country of origin (MANDATORY)  (Applicable to imported products) | | | | |  |  |  | |
| Proof of payment  (MANDATORY) | | | | |  |  |  | |
| FOR OFFICIAL USE ONLY | | | | | Date | Checked by |  | |
|  | | | | |  |  | | |
| Screening decision | | | | | Accepted | Declined |  | |
| Date of collection  NB: Processing time is 120 calendar days from the day the complete application is accepted by DAFF | | | | | | | | |
| **SECTION A. APPLICANT DETAILS** | | | | | | |
| ***Particulars to be supplied*** | | | ***Complete this side*** | | | |
| Applicant name  Company registration number/Identity number | | |  | | | |
| ***Contact details***  Postal address  Postal code  Street name/Physical address  Telephone number  Fax number  Cell number  e-mail address  Web address | | |  | | | |
| ***Details of responsible person***  Name and Surname  Qualification  SACNASP Registration number | | |  | | | |

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| **SECTION B. MANUFACTURER DETAILS** | |
| ***If more than one manufacturer or manufacturing site supply this information by duplicating this page*** | |
| Manufacturer name  Company registration number/Identity number  ***Contact details***  Postal Address  Postal code  Street name/Physical address  Telephone number  Fax number  Cell number  E-mail address  Web address  Country |  |
| Facilities accreditation/licensing (information) |  |
| Sterilizing plant registration  (**applicable to raw materials of animal origin**) |  |

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| **SECTION C. INGREDIENTS** *(duplicate where necessary)* | |
| **INDIVIDUAL INGREDIENT NAME (RAW MATERIAL)** | **INCLUSION RANGE (%)** |
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**SECTION D. ADDITIVES** *(duplicate where necessary)*

***Instructions****: 1. Applications to register feed additives must declare the active and activity percentage.*

*2. All other product types must only list the name of the feed additive and inclusion level.*

|  |  |
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| **Active & Activity (%)** | **Inclusion level in the final product** (%) |
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**SECTION E. PRODUCT PROFILE**

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| --- | --- | --- | --- | --- | --- | --- |
| **Product Name:** | | | **Brand name / Trade name:** | | | |
| **TARGET ANIMAL/ SPECIES:** | | | **LIFESTAGE (Applicable to Dog and Cat food):** | | | |
| **CLASS/Type of feed/Kind of feed:** | | | **Shelf life:** | | | |
| **Description and size of Packaging (include all pack sizes)** | | | | ***Applicable to livestock feed*** | | |
| **Medicated** | **Non-Medicated** | **Both** |
| **MANDATORY GUARANTEED ANALYSIS TO BE DECLARED**  ***Instructions****: 1. Refer to Annex III for mandatory guarantees to be declared per type of product and target species.*  *2. Product types that are not included in Annex III must declare guaranteed analyses specific to the nutrients supplied by the product.*  *3. The minimum and/or maximum content of* ***nutrients mentioned in claims*** *must be declared in guaranteed analysis.* | | | | | | |
| **Nutrients** | **Minimum** | **Maximum** | | **Units** | **Actual** (*if applicable*) | |
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**SECTION F. Applicable to concentrate feed with mixing instructions**

**PRODUCT PROFILE: FINAL MIX OF A CONCENTRATE**

***Instructions****: 1. Declare mandatory guaranteed analysis of the final mix of a concentrate.*

*2. Declare mandatory guaranteed analysis for all proposed options of mixing instructions.*

*3. If there are more than two mixing options, duplicate the page.*

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| **MANDATORY GUARANTEED ANALYSIS OF FINAL MIX TO BE DECLARED: OPTION 1** | | | | | | | | | | | | | |
| **Nutrients** | | | | | **Minimum** | **Maximum** | | **Units** | | **Actual** (*if applicable*) | | | |
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| **MANDATORY GUARANTEED ANALYSIS OF FINAL MIX TO BE DECLARED: OPTION 2** | | | | | | | | | | | | | |
| **Nutrients** | | | | | **Minimum** | **Maximum** | | **Units** | | **Actual** (*if applicable*) | | | |
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| **SECTION G. Applicable to livestock feed with NPN**  ***Instructions****: 1. Total NPN % must be declared under mandatory guaranteed analysis, in the application form and on the label, as Protein ex NPN %.*  *2. Urea and its inclusion level must be declared under mandatory guaranteed analysis in the application form and on the label.* | | | | | | | | | | | | | | | |
| **NPN % IN THE CONCENTRATE/FEED** | | | | | | | | **NPN % IN THE FINAL MIX (Option 1)** | | | | | | | |
| **PRODUCT NAME:** | | | | | | | | **MIXTURE NAME:** | | | | | | | |
| NPN source | | Factor | Units | Max Level | % of Protein | | | NPN source | | Factor | | Units | Max Level | % of Protein | |
| Urea | | 2.87 | g/kg |  |  | | | Urea | | 2.87 | | g/kg |  |  | |
| Amm. sulphate | | 1.33 | g/kg |  |  | | | Amm. sulphate | | 1.33 | | g/kg |  |  | |
| Uric Acid | | 2.08 | g/kg |  |  | | | Uric Acid | | 2.08 | | g/kg |  |  | |
| Amm. Chloride | | 1.64 | g/kg |  |  | | | Amm. Chloride | | 1.64 | | g/kg |  |  | |
| Biuret | | 2.30 | g/kg |  |  | | | Biuret | | 2.30 | | g/kg |  |  | |
| Urea Phosphate | | 1.33 | g/kg |  |  | | | Urea Phosphate | | 1.33 | | g/kg |  |  | |
| Ammonium | | 5.15 | g/kg |  |  | | | Ammonium | | 5.15 | | g/kg |  |  | |
| Mon-amm. Phosphate | | 0.625 | g/kg |  |  | | | Mon-amm. Phosphate | | 0.625 | | g/kg |  |  | |
| **Total NPN** | | | | |  | | | **Total NPN** | | | | | |  | |
| **NPN % IN THE FINAL MIX (Option 2)** | | | | | | | | **NPN % IN THE FINAL MIX (Option 3)** | | | | | | | |
| **MIXTURE NAME:** | | | | | | | | **MIXTURE NAME:** | | | | | | | |
| NPN source | | Factor | Units | Max Level | % of Protein | | | NPN source | | Factor | | Units | Max Level | % of Protein | |
| Urea | | 2.87 | g/kg |  |  | | | Urea | | 2.87 | | g/kg |  |  | |
| Amm. sulphate | | 1.33 | g/kg |  |  | | | Amm. sulphate | | 1.33 | | g/kg |  |  | |
| Uric Acid | | 2.08 | g/kg |  |  | | | Uric Acid | | 2.08 | | g/kg |  |  | |
| Amm. Chloride | | 1.64 | g/kg |  |  | | | Amm. Chloride | | 1.64 | | g/kg |  |  | |
| Biuret | | 2.30 | g/kg |  |  | | | Biuret | | 2.30 | | g/kg |  |  | |
| Urea Phosphate | | 1.33 | g/kg |  |  | | | Urea Phosphate | | 1.33 | | g/kg |  |  | |
| Ammonium | | 5.15 | g/kg |  |  | | | Ammonium | | 5.15 | | g/kg |  |  | |
| Mon-amm. Phosphate | | 0.625 | g/kg |  |  | | | Mon-amm. Phosphate | | 0.625 | | g/kg |  |  | |
| Total NPN | | | | |  | | | Total NPN | | | | | |  | |

**EXAMPLE: CALCULATION OF PROTEIN ex NPN %**

***Example:***

A concentrate that contains 350 g/kg Protein and 10 g/kg Urea

= 8.2 %

**SECTION H. Applicable to Pet Food**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUPPORTING DATA FOR COMPLETE PET FOODS** *(mark where applicable and attach separate annexure)* | | | | |
| Does this pet food deviate from the regulations (nutrients, moisture, shelf life etc.)? | | Yes | | No |
| If yes, is supporting data attached? | | Yes | | No |
|  | | | | |
| **Substantiation of Nutrition Adequacy** | | | | |
| Nutritional Profile (Calculation Method) | | Yes | | No |
| Feeding Trial | | Yes | | No |
| Chemical analysis | | Yes | | No |
|  | | | | |
| **Establishments** | | | | |
| New establishment short description of manufacturing facility attached | N/A | Yes | | No |
|  | | | | |
| **Nutritional Purpose products** | | | | |
| Scientific motivation attached? | N/A | Yes | No | |
|  | | | | |
| **Claims** | | | | |
| Are any claims made on the label? | | Yes | No | |
| If yes, is supporting data attached? | | Yes | No | |

**Additional comments** *(where applicable)*

***Note****: Any person who in any application makes any statement which is false in any material respect, knowing it to be false, or fails to disclose any information with intent to deceive, shall be guilty of an offence.*

**AFFIDAVIT ON PRODUCT SAFETY AND NUTRITIONAL ADEQUACY**

**COMPANY NAME**:

|  |
| --- |
|  |

**ADDRESS**:

|  |
| --- |
|  |

**PRODUCT NAME**:

|  |
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|  |

1. I, the undersigned

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do hereby make oath and say that:

2. The nutritional representation which either appears on the label of the product and/or is reflected in the application form has been substantiated by scientifically accurate calculations which are recorded on the file/ electronically at:

|  |
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(Address where record is kept) and which will be furnished to the Registrar upon his request in terms of the Act.

2.1. The product contains ingredients in quantities that meet the nutrient levels for the intended use and target species as specified in the application form and label.

2.2. The product does not contain any prohibited substance(s) in terms of Act No. 36 of 1947.

2.3. All ingredients used are suitable for the target species and do not contain undesirable substances that exceed maximum tolerable levels as prescribed in the regulations.

3. The product has been designed and developed/formulated by: - (***not applicable to raw materials***)

3.1 NAME:

|  |
| --- |
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QUALIFICATIONS:

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Verified by:

3.2 NAME:

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QUALIFICATIONS:

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SACNASP Registration Number:

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ADDRESS:

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who is suitably qualified and experienced to perform this task.

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**\*DEPONENT PERSON RESPONSIBLE FOR FORMULATION**

(If not formulated by the deponent)

\*A **deponent** is a person who testifies under oath in writing by signing an affidavit. This should be the responsible person in the company or a person who has been given power of attorney to sign on behalf of the company.

***Note****: Any person who in any application makes any statement which is false in any material respect, knowing it to be false, or fails to disclose any information with intent to deceive, shall be guilty of an offence.*

. **DECLARATION**

I hereby certify that the information furnished in this application is to the best of my knowledge true, correct, complete and complies with the requirements of Act No. 36 of 1947; acknowledge my responsibilities in terms of the Act; and grant permission to the Registrar of Act No.36/1947 to cancel this registration in terms of *Section 4* of the Act should it be established that the information supplied in this application and with this application is not true and does not comply with the requirements of the Act.

**Name and Surname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Capacity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DECLARATION TO BE MADE IN THE PRESENCE OF A JUSTICE OF PEACE/COMMISSIONER OF OATHS**

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|  | ..........................................................................................  **INITIALS AND SURNAME** |  |

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| ..........................................................................  **SIGNATURE OF DEPONENT** | |  | ...........................................**DATE** |  | ...................................  **TEL. No.** | |
| I certify that the deponent has acknowledged that he/she knows and understands the contents of this affidavit which was sworn to/affirmed before me and the deponent’s signature/thumb print/mark was placed thereon in my presence. | | | | | | |
|  | ...............................................................................................  **JUSTICE OF THE PEACE**  **COMMISSIONER OF OATHS** | | | | |  |

|  |  |  |
| --- | --- | --- |
| First names and surname: | .................................................................................................................................(***BLOCK LETTERS)*** | |
| Designation (rank): | ........................................................................ | *Ex Officio* Republic of South Africa |
| Business address: | .................................................................................................................................  .................................................................................................................................  (Street address must be stated) | |

**FOR OFFICIAL USE**

The Registrar: Act No. 36 of 1947

The registration is Recommended................................ \*Not Recommended.............................

Technical Adviser .................................................... Date......................................................

\* Any reason for not recommending an application for registration or any conditions that should be imposed on the registration must be attached in the form of a minute.

TECHNICAL ADVISOR COMMENTS

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ANNEXURE I**

**GENERAL DATA REQUIRMENTS FOR ADDITIVES (supply relevant information for additive)**

**PART 1: APPLICATION OVER VIEW**

* 1. Product rationale
  2. Active substance(s)

**PART 2: CHEMISTRY AND MANUFACTURE**

2.1 IDENTITY OF ADDITIVE

2.1.1 Proposed proprietary name(s)

2.1.2 Type of additive according to its main function

2.1.3 Qualitative and quantitative composition (active substance, other components, impurities)

2.1.4 Physical state, particle size

2.1.5 Manufacturing process including any specific processing process

2.2 SPECIFICATIONS CONCERNING ACTIVE SUBSTANCE

2.2.1 Name according to main active as described by IUB/IUPAC, EINECS and CAS Number

2.2.2 The biological origin, the activities towards relevant chemically pure model substrates and other physico-chemical characteristics

2.2.3 Purity (checking the level of contaminating microorganisms, heavy metals, absence of toxins relevant to the source organism as shown by suitable method, absence of antibiotic activity at feed concentration level as determined by a suitable method, and composition of the non-active components (i,e. Total Organic Solids)

2.2.4 Optimal pH, purification process and media used

* 1. PHYSIO-CHEMICAL, TECHNOLOGICAL AND BIOLOGICAL PROPERTIES OF THE ADDITIVE
     1. Stability on exposure to environmental conditions such as light, temperature, pH,

moisture, and oxygen. Expiry date

2.3.2 Stability during the preparation of premixtures and feed, in particular stability to

heat, pressure and moisture. Possible decomposition product

2.3.3 Stability during the storage of premixtures under defined conditions (Storage time under

defined condition). Shelf life

2.3.4 Other appropriate physico-chemical, technological or biological properties such as

stability to obtain homogenous mixtures in premixtures and feed, dust-forming

properties, assessment of resistance to degradation or loss of biological activity in the digestive

tract or by system of stimulation *in vitro*

2.3.5 Physico-chemical or biological incompatibilities or interactions (e.g. with feed, other approved

additives or medicinal products)

2.4 CONTROL METHODS

2.4.1 Description of the methods used for the determination of the criteria listed under items

2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.3.2, 2.3.3 and 2.3.4

2.4.2 Description of the qualitative and quantitative analytical methods for routine control

of the additive in premixtures and feed.

**PART 3 TOXICOLOGY**

3.1 Studies on laboratory animals (when the active substance is as non-

pathogenic micro-organism Found naturally these types of studies

may not be necessary)

3.2 Acute toxicity

3.2.1 Acute inhalation toxicity

3.2.2 Skin and eye irritancy

3.3 mutagenicity

3.3.1 Ames/Salmonella test

3.3.2 Chromosomal aberration test

3.4 Pharmacokinetics aspects

3.5 Subchronic toxicity

3.6 Chronic toxicity/carcinogenicity

3.7 Reproductive toxicity

**PART 4 METABOLISM AND TOXICOKINETICS**

**Part 5 residues**

**Part 6 regulatory status IN OTHER COUNTRIES**

**Part 7 Occupational health and safety**

**Part 8 Environmental studies**

**Part 9 Efficacy and safety**

9.1 Studies concerning the efficacy of the additive FOR TARGET ANIMAL(S)

9.1.1 Broiler trails

9.1.2 Layer hen trials

9.1.3 Turkey trails

9.1.4 Piglet trials

9.1.5 Fattening pig trials

9.1.6 Sow trails

9.1.7 Ruminant trials

9.1.8 Other relevant trials

9.2 Studies concerning the safety of the target animal(S)

9.2.1 Chicken for fattening

9.2.2 Laying hens

9.2.3 Turkey for fattening

9.2.4 Piglets

9.2.5 Sows

9.2.5 Ruminant trials

9.2.6 Other relevant trials

**Part 10 other trade aspects**

10.1 Studies concerning the quality of the animal produce

List of enclosures

**References**

**ANNEXURE II**

**Reference list of Product Types for printed application form**

***Note:*** To be used as a reference to select product type from the check list on page 1 if the form is printed and completed manually

Raw material

* Source of macro mineral
* Raw material of plant origin
* Raw material of animal origin

Feed additive

* Nutritional additive
* Technological additive
* Zootechnical additive
* Sensory additive
* Nutritional additives premixes

Livestock feed

* Complete feed
* Concentrate
* Supplement

Pet food

* Complete Dog or Cat food (including Raw pet food)
* Complete miscellaneous pet food (Horse, Rabbits, Hamster, Mice, Fish, Birds and other minor species)
* Complementary Pet Food (including Raw Pet Food)
* Pet neutraceuticals
* Herbal supplements
* Seed and Grain mixture

**ANNEXURE IIIReference list for Mandatory Guaranteed Analysis**

**Note 1:** The composition of the animal feed should reflect the name of each of its nutrients, as well as the actual minimum or maximum contents, as the case may be, of each such nutrient. Such particulars should be expressed as grams per kilogram for macronutrients, milligrams or micrograms per kilogram for micronutrients, international unit per kilogram for vitamins A, D and E, as activity units per gram or activity unit per milliliter for enzymes and their preparations, as colony-forming units per gram for microorganisms and their preparations.

**Note 2:** In the case of animal feed which is made from or contains feed grade urea or another non-protein nitrogen source, the protein equivalent of such urea or other non-protein nitrogen source should appear as a percentage of the total protein content of the animal feed written in parentheses together with an indication of the protein content of such animal feed. The urea content of the animal feed must be indicated where applicable.

**Note 3:** Product types that are not included in this Annexure must declare guaranteed analyses specific to the nutrients supplied by the product.

The guarantees should be declared in the following order-

1. Crude protein (minimum)
2. Equivalent crude protein from non-protein nitrogen (NPN) (maximum)
3. Amino acids (minimum)
4. Moisture (maximum)
5. Crude fat (minimum and/or maximum)
6. Crude fibre (minimum and/or maximum)
7. Calcium (minimum and maximum)
8. Phosphorus (minimum)
9. Salt (minimum and maximum)
10. Sodium (minimum and maximum)
11. Other minerals guarantees (minimum)
12. Vitamins (minimum)
13. Total sugar as invert (minimum)
14. Viable microorganisms producing lactic acid (minimum)
15. Other guarantees (minimum)

Complete, concentrate feeds and supplement feeds which are specific to the following species:

(a) Milk replacers fed to calves

1. Crude protein (minimum)
2. Lysine (maximum)
3. Moisture (maximum)
4. Crude fat(minimum)
5. Crude fibre (maximum)
6. Calcium (minimum and maximum)
7. Phosphorus (minimum)
8. pH, if applicable (minimum)
9. Starch (maximum)

(b) Dairy cattle feed

1. Crude protein (minimum)
2. Protein ex Non-protein nitrogen (%), if added (maximum)
3. Moisture (maximum)
4. Crude fat (minimum and maximum)
5. Crude fibre (minimum and maximum)
6. Calcium (minimum and maximum)
7. Phosphorus (minimum)

(c) Dairy cattle, beef cattle, sheep, goat, game and horses mineral supplements

1. Calcium (minimum and maximum)
2. Phosphorus (minimum)
3. Salt (minimum and maximum)
4. Magnesium (minimum)
5. Potassium (minimum)
6. Sulphur (minimum)
7. Other specific trace minerals (minimum)
8. Vitamins, if added (minimum)

(d) Beef cattle feed

1. Crude protein (minimum)
2. Protein ex non-protein nitrogen (%), if added (maximum)
3. Moisture (maximum)
4. Crude fat (minimum and maximum)
5. Crude fibre (minimum and maximum)
6. Calcium (minimum and maximum)
7. Phosphorus (minimum)

(e) Sheep, goat and game feed

1. Crude protein (minimum)
2. Protein ex non-protein nitrogen (%), if added (maximum)
3. Moisture (maximum)
4. Crude fat (minimum and maximum)
5. Crude fibre (minimum and maximum)
6. Calcium (minimum and maximum)
7. Phosphorus (minimum)
8. Copper (maximum), if copper exceeds 22.5 ppm

(f) Horse feed

1. Crude protein (minimum)
2. Moisture (maximum)
3. Crude fat (minimum)
4. Crude fibre (minimum and maximum)
5. Phosphorus (minimum)

(g) Ostriches

1. Crude protein (minimum)
2. Lysine (minimum)
3. Moisture (maximum)
4. Crude fat (minimum)
5. Crude fibre (maximum)
6. Calcium (minimum and maximum)
7. Phosphorus (minimum)

(h) Fish (all), crocodiles, pigeons, parrots, mice and rats

1. Crude protein (minimum)
2. Moisture (maximum)
3. Crude fat (minimum)
4. Crude fibre (maximum)
5. Calcium (maximum)
6. Phosphorus (minimum)

(i) Rabbits and chinchillas

1. Crude protein (minimum)
2. Moisture(maximum)
3. Crude fat (minimum)
4. Crude fibre (minimum and maximum)
5. Calcium (maximum)
6. Phosphorus (minimum)

(j) Grain mixtures for pigeons, birds and poultry

1. Race and breed mixtures and maintenance mixtures

a. Grain (minimum and maximum)

b. Protein seeds (minimum and maximum)

1. Bird seed

a. Grain (minimum and maximum)

b. Protein seeds

1. Mixed poultry grain

a. Grain (maximum)

(k) Ducks and geese

1. Crude protein (minimum)
2. Moisture (maximum)
3. Crude fat (minimum)
4. Crude fibre (maximum)
5. Calcium (minimum and maximum)
6. Phosphorus (minimum)
7. Salt, if added (maximum)

(l) Pigs

1. Crude protein (minimum)
2. Lysine (minimum)
3. Methionine (minimum)
4. Moisture (maximum)
5. Crude fat (minimum)
6. Crude fibre (maximum)
7. Calcium (minimum and maximum)
8. Phosphorus (minimum)
9. Salt, if added (maximum)

(m) Chicken and poultry

1. Crude protein (minimum)
2. Lysine (minimum)
3. Methionine (minimum)
4. Moisture (maximum)
5. Crude fat (minimum)
6. Crude fibre (maximum)
7. Calcium (minimum and maximum)
8. Phosphorus (minimum)
9. Salt, if added (maximum)

(n) Mineral feeds (if not identified as specific species feed)

1. Calcium, if present (minimum and maximum)
2. Calcium, if present (minimum)
3. Salt, if added (maximum)
4. Fluoride, if present (maximum)
5. Other minerals that are present in significant quantities (minimum)
6. Vitamins, if added (minimum)

Complete and complementary Pet food (Dog and Cat food)

1. Crude protein (minimum)
2. Moisture (maximum)
3. Crude Fat (minimum)
4. Crude fibre (maximum)
5. Crude ash (maximum)
6. Calcium (maximum), optional
7. Phosphorus (minimum), optional