

**ANNEXURE A**  
**SCHEDULE OF ACCREDITATION**

Facility Number: **T0713**

**Permanent Address of Laboratory:**

Chem Nutri Analytical (Pty) Ltd  
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**Technical Signatories:**

Mr MF Sickle (CNA\_MET\_003, 004, 005, 006, 007, 008 & 074)  
Ms FP Moloto (All Methods Except CNA\_MET\_093, 094, 098, 099, 115 & 116)  
Mr PB Leshilo (CNA\_MET\_007, 074 & 077)  
Mr NL Terblanche (CNA\_MET\_093, 094, 098, 099, 101, 115 & 116)  
Mr L Matsilini (CNA\_MET\_093, 098, 099 & 115)  
Mrs R Naidoo (CNA\_MET\_094, 098 & 116)  
Ms PC Lehoko (CNA\_MET\_003, 003A, 004, 005, 006, 008, 008A, 009 & 010)  
Ms B Phatudi (CNA\_MET\_004, 005, 006, 033, 034, 035 & 088)

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Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
<b>CHEMICAL</b>		
Feed Stuff, Feed Ingredients & Grains	Determination of Fat using Soxhlet Method	CNA_MET_003
	Determination of Protein/Nitrogen using Kjeldahl Method	CNA_MET_004
	Determination of Ash using Furnace Method	CNA_MET_007
	Determination of Moisture using Oven Method 135C/2Hrs	CNA_MET_008
Soya Products & Feed	Determination of Trypsin Inhibitor Activity	CNA_MET_101
Feed Stuff, Feed Ingredients, Premixes/Blends & Inorganic Products	Determination of Mineral Content by ICP-OES (Ca, P, Na, K, Mg, Mn, Fe, Cu & Zn)	CNA_MET_077
Feed Stuff, Feed Ingredients, Grains & Nuts	Determination of Mycotoxins by HPLC MS/MS (Aflatoxin B1, B2, G1, G2 Deoxynivalenol Diacetoxyscirpenol Fumonisin B1, B2, T2- and HT2-Toxin Ochratoxin A Zealerenone Nivalenol)	CNA_MET_098

Feed Stuff , Feed Ingredients, Grains, Nuts & Oils	Determination of Peroxide Value by Potentiometric End Point	CNA_MET_005
	Determination of Free Fatty Acids by Potentiometric End Point	CNA_MET_006
Animal Feed, Feed Ingredients, Animal Byproducts, Condiments (Seasoning, Spices & Flavourings), Soya Based Texturized Protein, Oilseeds, Plant Byproducts (Gluten & Maize Germ)	Crude Fat (Ether Extract) by Randall Rapid Extraction	CNA_MET_003A
Food: (Condiments (Seasoning, Spices & Flavourings), Dehydrated Legume & Vegetable Blend, Maize Based Products, Rice, Fortified Products & Cereals, Bread & Wheat Based Products, Flour, Barley Malt, Legumes, Soya Based Texturized Protein, Corn Soya Blend (CSB), Anabolic Supplements)	Determination of total Moisture & Dry Matter 103C/4Hrs	CNA_MET_008A
Feed: (Animal Feed, Feed Ingredients, Pet Food & Pet Treats, Fish Feed)		
Premixes, Blends & Inorganic Products		
Feed Ingredients, Animal Byproducts, Pet Food & Pet Treats, Starch Based Products, Fish Feed	Determination of Total Fat after acid Hydrolysis	CNA_MET_009
Animal Feed, Feed Ingredients, Grasses, Oilseeds, Grains, Cereals & Byproducts	Determination of Crude Fibre (Fibre Bag Technique)	CNA_MET_010
Soya Products (Soya Oilcake, Full Fat Soya, Soya Beans & Soya Hulls)	Determination of Protein Dispersibility Index (PDI)	CNA_MET_033
Soya Products (Soya Oilcake, Full Fat Soya, Soya Beans & Soya Hulls)	Determination of 0,2% KOH Solubility	CNA_MET_034
Soya Products (Soya Oilcake, Full Fat Soya, Soya Beans & Soya Hulls)	Determination of Urease Activity	CNA_MET_035
Animal Feed, Animal Byproducts, Feed Ingredients, Fish Meal, Pet Food & Pet Treats, Premixes, Blends, Raw Materials, Inorganic Products, Seasoning & Spices	Determination of Sodium Chloride (Salt) and Chloride by Potentiometric End Point Titration	CNA_MET_074

Food: (Condiments (Seasoning, Spices & Flavourings), Dehydrated Legume & Vegetable Blends, Maize Based Products, Rice, Cereals, Bread & Wheat Based Products, Flour, Barley Malt, Legumes, Soya Based Texturized Protein, Corn Soya Blend (CSB), Anabolic Supplements)      Determination of Nitrogen & Protein by Combustion (Dumas)      CNA\_MET\_088

Feed: (Animal Feed, Pet Food & Pet Treats & Fish Feed)

Feed Ingredients: (Grass, Silage, Maize, Oilseeds, Sunflower Meal, Full Fat Soya, Soya Oilcake, Gluten, High Protein Concentrate (HPC))

Inorganic Products: Premixes, Blends & Raw Materials

Animal Feed, Feed Ingredients, Grains, DDGS, Cereals & Food (Starches & Flours)      Determination of Total Starch      CNA\_MET\_093

Animal Feed, Premixes, Raw Materials, Inorganic Mixtures & Blends      Determination of Phytase Activity      CNA\_MET\_094

Animal Feeds, Premixes, Raw Materials, Blends & Concentrates      Determination of Ionophores {{Salinomycin, Monensin, Narasin, Lasalocid, Robenidine, Nicarbazine (Inclusion and Trace), Maduramicin (Trace only)}} by LC - MS/MS      CNA\_MET\_099

Premixes, Raw Materials, Inorganic Products & Blends      Determination of Vitamin D3 (Cholecalciferol) by LC - MS/MS      CNA\_MET\_115

Feed Ingredients, Premixes, Raw Materials, Inorganic Products & Blends, Fortified Food, Fortified Wheat and Maize Based Cereals, Infant Formula, Anabolic Supplements, Nutritional Supplements and Effervescent Tablets      Determination of Water-Soluble Vitamins by LC – MS/MS: B1 (Thiamine), B2 (Riboflavin), B3 (Niacin & Niacinamide), B5 (Pantothenic acid), B6 (Pyridoxine)      CNA\_MET\_116

Original Date of Accreditation: 14 August 2017

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

  
 Accreditation Manager