

**Annual Requirements: Name of the Division: Animal Nutrition 2024**

**Chemicals, Reagents, Media**

Se. No.	Item	Specification	Pack size	Quantity	Bidder's response		
					Yes	No	If no Bidder's Response
1	Sodium hydroxide pellets	European std	1kg	50			
2	Ortho Boric acid	European std	1kg	2			
3	Potassium sulphate	European std	500g	10			
4	Copper sulphate anhydrous	European std	500g	2			
5	0.1N Sulphuric acid standard solution "Convol "	For Kjeldahl titration Density 1.01 g/cm <sup>3</sup> Storage at ambient temperature (one vial: make concentration [0.1N] 1L)	500ml or smaller bottles	Total 50 L			
6	Ethanol absolute	99.98%	2.5l	20			
7	Celite powder	Celite®545 or equivalent filter aid treated with sodium carbonate	500g	2			
8	Petroleum spirit	60-80°C Boiling point (Benzine free) Analar	2.5 L	10			
9	Hydrochloric acid 37%	Analar	2.5L	4			
10	Ammonium molybdate	Analar	50g	1			
11	Sodium sulphite anhydrous	Analar	100g	1			
12	Sodium metabisulfite	Analar	100g	1			
13	Citric acid	Analar	250g	2			
14	Strontium chloride	Analar	500g	1			
15	EDTA anhydrous, Protein standard	(99- 100%) VWR or equivalent	100g	1			
16	Calcium carbonate( Standard)	Merck or equivalent	100g	1			
17	Trichloro Acetic acid 99-100%	Analar	250g	1			
18	Potassium hexacyanoferrate	Analar	100g	1			
19	Standard- Ca (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
20	Standard- Mg (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
21	Standard- Cu(for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
22	Standard- Zn (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			

23	Standard- Co (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
24	Standard- Fe(for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
25	Standard- Mn (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
26	Standard- K (for AAS)-1000ppm	European std Amber colour glass bottles	250ml	1			
27	Standard- Na (for AAS)-1000ppm	European std Amber colour glass bottles	250ml	1			
28	Standard- Arsenic (for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
29	Standard- Cadmium (for AAS)-	European std Amber colour glass bottles	100ml	1			
30	Standard- Lead(for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
31	Standard-Aluminium(for AAS)-	European std Amber colour glass bottles	100ml	1			
32	Standard- Tin(for AAS)-1000ppm	European std Amber colour glass bottles	100ml	1			
33	Benzoic Acid	Standardzed for Bomb caloremeter-heat of combustion	1 g pellets x 100	2 bottles			
34	Methyl red (indicator for kjeldhal method)	Merck or equivalent	10 g	1			
35	Bromocrisole green(indicator for kjeldhal method)	Merck or equivalent	10 g	1			
36	Silica gel	Indicating dry and moist conditions 3mm or higher diameter particals without dust/mash	1 kg	1			
37	Phenopthalin indicator	Merck or equivalent	10g	1			
38	Acetone	58.08 g/mol Sigma aldrich or equivalent	2.5L	2			
39	Pottasium hydroxyde	European std	500g	1			
40	Phenol	European std	250 g	1			
41	Acetonitrile	for HPLC, LC MS grade-suitable for UPLC/UHPLC 99.9%	2.5 L	50			
42	Formic acid	European std ,80%	1 L	3			
43	Zinc acetate	Merck or equivalent	250g	1			
44	Sodium lauryl sulfate/Sodium dodecyl	Merck or equivalent	250 g	1			
45	Sodium borate decahydrate/Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub>	Merck or equivalent	250g	1			
46	Disodium hydrogen phosphate anhydr	Merck or equivalent	250 g	1			
47	2-Ethoxy ethanol	Merck or equivalent	100 ml	1			
48	Acetic acid (Glacial)	European std	250 ml	1			

--	--	--	--	--	--	--	--	--

