

2026- Animal Nutrition - Quality Assurance of Animal origin feed for food safety & Export facilitation -2026

1) Chemicals and Glasswares

Se. No.	Name of the Item	Specifications	Pack size	QTY	Bidder's compliance	If "No" bidder's specifications
					Yes/ No	
1	Sodium hydroxide pellets	European std	1kg	50		
2	Ortho Boric acid	European std	1kg	2		
3	Potassium sulphate	European std	500g	5		
4	Copper sulphate anhydrous	European std	500g	2		
5	0.1N Sulphuric acid standard solution	For Kjeldahl titration Density 1.01 g/cm ³	500ml	120		
		one vial: make concentration [0.1N] 1L				
		Storage at ambient temperature				
6	EDTA anhydrous	European std	100g	1		
7	Methyl red (indicator for kjeldhal method)	European std	25 g	1		
8	Bromocrisole green (indicator for kjeldhal method)	European std	10g	1		
9	Conc Sulphuric Acid 98%	Analar	2.5l	4		
10	Ethanol absolute	99.98%	2.5l	25		
11	Celite powder	Celite®545 or equivalent filter aid treated with sodium carbonate	500g	1		
12	Acetone	58.08 g/mol	2.5L	2		
		Sigma aldrich or equivalent	2.5 L	45		
13	Petroleum spirit	60-80°C Boiling point (Benzine free) Analar				
15	Methanol	70% Hyper solve	2.5L	2		
16	Aflatoxin (M1) detection ELISA test kit(AFM1)	Test plates and reagents (total solution/ Total Kit) to detect aflatoxins M1.	96 well pack	1		
		Each kit should have minimum 96 wells with removable strips Test kit needs to include standards of 0ppb,0.05,0.15 ppb,0.45 ppb, 1.35 ppb, 4.05ppb				
		The test kit should include all the reagents needed to test the samples together with the instructions for sample preparation				
17	Total Aflatoxin Test Kits(ELISA test kit)	Test plates and reagents (total solution/ Total Kit) to detect aflatoxins B1,B2, G1 G2.	96 well pack	1		
		Each kit should have minimum 96 wells with removable strips Test kit needs to include standards of 0ppb, 2 ppb, 8ppb,30 ppb, 80 ppb,				

		The test kit should include all the reagents needed to test the samples together with the instructions for sample preparation				
18	Toatal aflatoxin standard (B1, B2, G1, G2)	Mixture 0.5-2µg / ml in Acetonitrile 1ml	1ml	4		
19	Citric acid	Sigma or equivalent	250g	1		
20	Strontium chloride	Sigma or equivalent	500g	3		
21	Tri Chloro Acetic acid 99-100%	Analar	250g	1		
22	Standard- Ca (for AAS)-1000ppm	European std	100ml	1		
23	Standard- Mg (for AAS)-1000ppm	European std	100ml	1		
24	Standard- Cu(for AAS)-1000ppm	European std	100ml	1		
25	Standard- Zn (for AAS)-1000ppm	European std	100ml	1		
26	Standard- Co (for AAS)-1000ppm	European std	100ml	1		
27	Standard- Fe (for AAS)-1000ppm	European std	100ml	1		
28	Standard- Mn (for AAS)-1000ppm	European std	100ml	1		
29	Standard- K (for AAS)-1000ppm	European std	100ml	1		
30	Standard- Na (for AAS)-1000ppm	Merck or equivalent	100ml	2		
31	Standard- Arsenic (for AAS)-1000ppm	European std	100ml	1		
32	Standard- Cadmium (for AAS)-1000ppm	European std	100ml	1		
33	Standard- Lead (for AAS)-1000ppm	European std	100ml	1		
34	Hydrogen peroxide	European std -30%	500 ml	2		
35	silica gel	indicating dry and moist conditions/3mm or higher diameter particals without dust/ mash	1 kg	2		
36	Potassium dihydrogen phosphate	AnalaR- European std	100g	1		
37	Acetonitrile	MSMS grade/HPLC, LC MS grade-suitable for UPLC/UHPLC 99.9%	2.5 L	80		
38	Formic acid	European std, 80%	1 L	3		
39	Screw top sampling vials for LC/MS/ MS	Compatible to " Waters" LC/MS/MS 12x32 mm with cap & pre -slit PTFE/ Silicone septa P/N 186000307C/Glass-Borosilicate, Type 1,Class A ,33 Expansion glass	100	20		

2) Laboratory Equipment

Se. No.	Item	Specification	Pack size	QTY	Bidder's compliance Yes/ No	If "No" bidder's specifiations
1	Sonicator	Laboratory Ultrasonic Cleaner Ultrasonic Power (W)-180 Digital display Capacity (L)-6 Warrenty minimum 2 years	1	1		

2	Distillation Unit (Kjeldhal semi automated)	Model VAP 450 or equivalent with titration	1	1		
		Multi Touch Sensitive Screen 7"				
		KJELATHERM-digestion tube, 250/300 ml, 01 Number of Tubing set, 01 number of titrator				
		Warrenty minimum 2 years				
3	Analytical Balance	Repeatability; 0.0001	1	2		
		Calibration and adjustment internal				
		Linearity 0.002,				
		Readability 0.001				
		Weighing Capacity: 220 g				
		Resolution: 0.0001 g (0.1 mg)				
Warrenty minimun 2 years						
4	Minus 20 °C Laboratory upright freezer	Capacity ~300 L	1	2		
		Horizontal arrangement				
		CFC free , Temperature -20 °C				
		high density insulation				
		Stainless steel cabinet material				
		Low energy consumption				
		warrenty compressor- 10 years				

3) Laboratory Consumables

Se. No.	Name of the Item	Specification	Pack size	QTY	Bidder's compliance Yes/ No	If "No" bidder's specifications
1	Aluminium foil rolls	18"	1	10		
2	Polythene rolls	6"	1 kg	7		
3	Polythene rolls	10"	1 kg	5		
4	Zip lock bags	6"	100/ pk	20		
5	Zip lock bags	3"	100/ pk	10		
6	Lab coats	Size: Small	1	6		
		White colour				
		100% cotton				
7	Lab coats	Size: Medium	1	6		
		White colour				
		100% cotton				
8	Overalls (disposable)	Small	5	10		
9	Overalls (disposable)	Medium	5	4		
10	Desicator glue	stable at 10-115 °c	250g	4		
		Resistant to chemicals				

		Insoluble in water				
		Non -toxic				
11	Cellulose thimble	for ether extraction	30	1		
		diameter 26 mm				
		Length 60 mm				
12	Syringe Filter	13 mm, 0.2µm Nylon (Acrodisc®)-Waters	1000/pk	3		
13	Nylon membrane Disc	47mm, 0.2 µm (Pall -Corporation)	100/pk	20		
14	Needles	23 gauge 1.5 "	500/pk	1		
15	Single use disposable-syringes	3 ml - with needle	100/pack	20		
16	Weigh boats	12.5 cmx 9.5 cm (plastic)	25/pk	25		
17	Weigh boats	8 cm x 5.5 cm	25/pk	25		
18	Lens cleaning tissues	4 " x 5" (100 mmx 127 mm)	250 sheets /pk	1		
20	Reusable cleaning brush	diameter bristles (16mm) 10"	10/pk	10		
21	Reusable cleaning brush	diameter bristles (38mm) 15"	10/pk	10		
22	Centrifuge tube with screw caps	50 ml	50 /pk	4		
23	Centrifuge tube with screw caps	25 ml	50 /pk	2		
24	Safety goggles for UV emitting instrument operators	Eye protection glasses with UV protection factor (UPF) 80	1	6		
25	Nitrile gloves	Blue, powder free, disposable	50/pk	25		
		enhanced strength				
		textured finger tips for maximum gripping				
		Medium size				
26	Samples - cleaning brushes	Fine Mesh Sieve Brush	1 pk	1		
27	Face masks	Surgical	50/pk	30		
28	Gloves/Laboratory rubber gloves	Chemical or contamination protection.	100/pk	50		

4) Pharmacy Items						
Serial No	Name of the Item	Specification	Pack size	QTY	Bidder's compliance Yes/ No	If "No" bidder's specifications
1	Plasters Elasto	100 plasters	100/pk	1		
2	Gauze	5M roll	1	4		
3	Panadol/ Paracetamol	100 tablets	100/box	2		
4	Eno	For relief from heartburn & acidity	10/ pk	2		
5	Axe Oil	relief of headache, blocked nose and cold	5ml	3		
6	Iodex balm/ Siddhalepa balm	Multi-Purpose Pain Relief Balm	45g	1		
7	Dettol	Liquid Antiseptic Disinfectant	500ml	1		
8	silver sulfadiazine cream	To treat burn wounds	25 g	1		



