

Laboratory	Avitech Nutrition (P) Ltd. (Analytical Division), GP-37, Sector-18, Udyog Vihar, Gurgaon, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	03.02.2015
Certificate Number	T-3277	Valid Until	02.02.2017
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. FOOD & AGRICULTURAL PRODUCTS				
1.	Animal Feeds (Cattle feed / Aqua feed / Poultry feed)	Moisture	IS 7874 (Part 1): 1975 AOAC 930.15: 2012	1.0 g/100 g to 25 g/100 g
		Total ash	IS 14827:2000 AOAC 942.05: 2012	1.0 g/100 g to 50 g/100 g
		Acid Insoluble Ash	IS 7874 (Part 1): 1975	1.0 g/100 g to 30 g/100 g
		Crude Protein	IS/ISO 5983-2: 2005 (RA 2010)	5 g/100 g to 70 g/100 g
		Crude Fat	IS/ISO 6492:1999 (RA 2010) AOAC-920.39: 2012	0.1 g/100 g to 25 g/100 g
		Crude fiber	AOAC-962.09: 2012	1.0 g/100 g to 25 g/100 g
		Gross Energy	ANT/STP/PROX/18 Issue No. 00, Rev. No. 00 By Calculation	1000 kcal/kg to 5000 kcal/kg
		Total Phosphorus	IS 14828: 2000	0.1 g/100 g to 10 g/100 g
		Calcium	IS 13433 (Part 1): 1992 AOAC 927.02: 2012	0.5 g/100 g to 10 g/100 g

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2.	Oil Seeds By-Products			
	Ground Nut Cake/ Ground nut Extract/ Rapeseed meal/ Mustard De-oiled cake/ Cottonseed cake/ Soya De-oiled cake/ Full Fat Soya/ Soya bean Flakes/ Extracted Rice Bran (DORB)/ Sunflower cake	Moisture Total ash Acid insoluble ash Crude Protein Crude Fat Crude fiber	IS 7874 (Part 1): 1975 AOAC 930.15: 2012 IS 14827: 2000 AOAC 942.05: 2012 IS 7874 (Part 1): 1975 IS/ISO 5983-2: 2005 (RA 2010) IS/ISO 6492: 1999 (RA 2010) AOAC-920.39: 2012 AOAC-962.09: 2012	1.0 g/100 g to 25 g/100 g 1.0 g/100 g to 50 g/100 g 1.0 g/100 g to 10 g/100 g 5 g/100 g to 55 g/100 g 0.5 g/100 g to 25 g/100 g 1.0 g/100 g to 25 g/100 g
3.	Cereals, Pulses & Cereal Products			
	Maize/Maize Gluten / Soya beans / Rice / Rice polish / Wheat / Wheat bran / Guar Curi / Guar Korma / Bajara / Pulses / Wheat Bran / Clear & Middlings	Moisture Total ash Crude Protein Crude Fat Crude fiber	IS 7874 (Part 1): 1975 AOAC 930.15: 2012 IS 14827: 2000 AOAC 942.05: 2012 IS/ISO 5983-2: 2005 (RA 2010) IS/ISO 6492: 1999 (RA 2010) AOAC-920.39: 2012 AOAC-962.09: 2012	0.5 g/100 g to 25 g/100 g 1.0 g/100 g to 20 g/100 g 1 g/100 g to 80 g/100 g 0.5 g/100 g to 50 g/100 g 1.0 g/100 g to 25 g/100 g

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4.	Meat Products			
	Meat Bone Meal / Bone Meal / Leather Meal / Meat Meal / Horn Meal	Moisture	IS 7874 (Part 1): 1975 AOAC 930.15: 2012	0.5 g/100 g to 25 g/100 g
		Total ash	IS 14827: 2000 AOAC 942.05: 2012	5 g/100 g to 50 g/100 g
		Crude Protein	IS/ISO 5983-2: 2005 (RA 2010)	1 g/100 g to 80 g/100 g
		Crude Fat	IS/ISO 6492: 1999 (RA 2010) AOAC-920.39: 2012	0.5 g/100 g to 30 g/100 g
		Crude fiber	AOAC-962.09: 2012	0.5 g/100 g to 10 g/100 g
		Calcium	IS 13433 (Part 1): 1992 AOAC 927.02: 2012	0.5 g/100 g to 20 g/100 g
		Total Phosphorus	IS 14828: 2000	0.5 g/100 g to 15 g/100 g

II. DRUGS AND PHARMACEUTICALS

1.	Vitamins			
	Nicotinic Acid	Assay	IP 2014 Page 2333	50 % w/w to 110 % w/w
	Pyridoxine HCl	Assay	IP 2014 Page 2600, 3562	50 % w/w to 110 % w/w
	Ascorbic Acid	Assay	IP 2014 Page 768, 1086	50 % w/w to 110 % w/w

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2.	Minerals			
	Copper Sulphate	Assay	BP 2010 Page 24	50 % w/w to 110 % w/w
	Calcium Carbonate / Lime stone Powder	Assay	IP 2014 Page 1248	50 % w/w to 110 % w/w
	Citric Acid	Assay	IP 2014 Page 1410	50 % w/w to 110 % w/w
	Dibasic Calcium Phosphate	Assay	IP 2014 Page 1258	50 % w/w to 110 % w/w
	Magnesium Oxide	Assay	IP-2014 Page 2141	50 % w/w to 110 % w/w
	Potassium Iodide	Assay	IP 2014 Page 2526	50 % w/w to 110 % w/w
	Potassium Chloride	Assay	IP 2014 Page 2520	50 % w/w to 110 % w/w
	Sodium Benzoate	Assay	IP 2014 Page 2738	50 % w/w to 110 % w/w
	Sodium Citrate	Assay	IP 2014 Page 2746	50 % w/w to 110 % w/w
	Sodium Bicarbonate	Assay	IP 2014 Page 3738	50 % w/w to 110 % w/w
	Zinc Oxide	Assay	IP 2014 Page 3010	50 % w/w to 110 % w/w
	Zinc Sulphate	Assay	IP 2014 Page 3012	50 % w/w to 110 % w/w

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III. WATER				
1.	Drinking Water / Process Water	Total Hardness (as CaCO ₃)	IS 3025 (Part 21): 2009	2.0 mg/L to 5000 mg/L
		Calcium (as Ca / as CaCO ₃)	IS 3025 (Part 40): 1991(RA 2003)	2.0 mg/L to 5000 mg/L
		Magnesium (as Mg / as CaCO ₃)	IS 3025 (Part 46): 1994 (RA 2003)	2.0 mg/L to 5000 mg/L

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