

Analytical charges for Fish and Fish products

SL. No	Name of Product / Test	National Charges (in rupees)	International charges (in Dollars)	Remarks
1.	Gel Strength	750.00	75.00	Per Sample
2.	Degree of Deacetylation	1000.00	100.00	Per Sample,
3.	Viscosity	700.00	70.00	Per Sample
4.	Ash	600.00	60.00	Per Sample
5.	Insoluble Ash	600.00	60.00	Per Sample
6.	pH	250.00	25.00	Per Sample,
7.	Protein / Total Nitrogen	700.00	70.00	Per Sample
8.	Fat	750.00	75.00	Per Sample
9.	α - Amino nitrogen	750.00	75.00	Per Sample
10.	Digestable protein	800.00	-	Per Sample,
11.	Fibre	600.00	60.00	Per Sample
12.	Carbohydrate	600.00	60.00	Per Sample
13.	Moisture	500.00	50.00	Per Sample
14.	Sodium,Ca,K (Flame Photometer)	700.00	70.00	Per Sample,
15.	Phosphorous	700.00	70.00	Per Sample
16.	Free fatty acids	700.00	70.00	Per Sample
17.	Peroxide Value	700.00	70.00	Per Sample
18.	Sand silica	500.00	50.00	Per Sample
19.	L* a* b* values by Hunter colorimeter	400.00	40.00	Per Sample,
20.	Energy	1500.00		Per Sample
21.	Specific gravity of Oil	500.00	50.00	Per Sample
22.	Flash point	500.00		Per Sample
23.	Bulk Density	300.00	30.00	Per Sample,
24.	Fat Absorption	300.00		Per Sample
25.	Solubility	300.00		Per Sample
26.	Histamine by HPLC	4000.00	200.00	Per Sample
27.	Histamine content by Spectroscopic method	1200.00	125.00	Per Sample
28.	Total Volatile Base nitrogen (TVBN) analysis	600.00	75.00	Per sample
29.	Burst factor of paper board IS 1060 30 x 30 cm (10 Nos.)	1300.00	130.00	Per paper
		1900.00	190.00	3 ply board
		2500.00	250.00	5 ply board
30.	Ring stiffness of paper and paper board ASTM 1164 30 x 30 cm (10 Nos.)	500.00	50.00	Per Sample
31.	Flat crush resistance (upto 3 ply of CFB) IS 4006 30 x 30 cm (5 Nos.)	500.00	50.00	Per Sample

32.	Tensile strength and % elongation IS 1060 30 x 30 cm (10 Nos.)	1000.00	50.00	Per Sample
33.	Breaking length of paper IS 1060 30 x 30 cm (10 Nos.)	1000.00	-	Per sample
34.	Tearing strength IS 1060 30 x 30 cm (10 Nos.)	500.00	50.00	Per sample
35.	Tear factor IS 1060 30 x 30 cm (10 Nos.)	800.00	80.00	Per sample
36.	Water resistance (Cobb/value) IS 1006 30 x 30 cm (10 Nos.)	500.00	50.00	Per sample
37.	Density of plastic films IS 2508 (1984) 50 x 50 cm	500.00	50.00	Per sample
38.	Vibration test IS 72028 (1973) (3 Nos.)	1000.00	100.00	Per sample
39.	Tearing strength of plastic films	500.00	50.00	Per sample
40.	Puncture resistance for plastic films	500.00	50.00	Per sample
41.	Heat seal strength	1000.00	100.00	Per sample
42.	Thickness/ Caliper	200.00	20.00	Per sample
43.	Basic weight (grammage) of paper and CFB per ply	300.00	30.00	Per sample
44.	Gas composition of Packages	500.00	50.00	Per sample
45.	Puncture Resistance	1000.00	100.00	Per sample
46.	Edge crush test	400.00	40.00	Per sample
47.	Box compression	1000.00	100.00	Per sample
48.	Drop test	500.00	50.00	Per sample
49.	Gas transmission rate	1500.00	150.00	Per sample
50.	Water vapour transmission rate	1500.00	150.00	Per sample
51.	Impact strength	500.00	50.00	Per sample
52.	Thermal efficiency of insulated Boxes	2000.00	200.00	Per sample
53.	Moisture content of CFB	400.00	40.00	Per sample
54.	Overall migration Residue Test			
	a) Water extraction	400.00	40.00	Per sample
	b) N-Heptane extraction	600.00	60.00	Per sample
	c) Acetic Acid extraction	500.00	50.00	Per sample
	d) Alcohol extraction	600.00	60.00	Per sample
55.	Thermal validation for blanched/ cooked / pasteurized/ retort pouched & canned products at Factory	Rs 20,000.00 + ST for blanched/ cooked products (Upto 10 products for blanched/ cooked/ pasteurised products and additional Rs 2000.00 + ST extra for each, above 10 products) (upto 5 products for Retort pouched and caused products & additional Rs.4000.00+ST extra for each above 5 products) + TA/DA		

56.	Thermal validation of cooker/blanching machine/ pasteurization/retort etc.	Rs 10, 000.00 + ST for each unit + TA/DA		
57.	Heavy metals (Pb, Cd, Hg, As, Zn, Fe, Mg, Mn, Se, Cu, Cr, Sn) by AAS	750.00	75.00	Per sample
58.	Sodium, Potassium, Calcium by Flame Photo meter	1000.00	100.00	Per sample
59.	Moisture content	500.00	75.00	Per sample
60.	Protein content	700.00	70.00	Per sample
61.	Crude fat	500.00	75.00	Per sample
62.	Organochlorine Pesticides	6000.00	600.00	Per sample
63.	Polycyclic Aromatic Hydrocarbon	6000.00	600.00	Per sample
64.	Benzopyrene	6000.00	600.00	Per sample
65.	Amino acid composition	7000.00	700.00	Per sample
66.	Cholesterol	2000.00	200.00	Per sample
67.	Fatty acid composition	7000.00	700.00	Per sample
68.	Saturated, monounsaturated and polyunsaturated fatty acids	7000.00	700.00	Per sample
69.	PUFA (Omega-3, Omega-6, EPA, DHA)	7000.00	700.00	Per sample
70.	Chloramphenicol (LCMS MS)	6000.00	600.00	Per sample
71.	Nitrofurantol matabolites (LCM S MS)	6000.00	600.00	Per sample
72.	Nutritional facts	20000.00	2000.00	Per sample
73.	Vitamins (fat soluble)	6000.00	600.00	Per sample
74.	Vitamins (water soluble)	6000.00	600.00	Per sample
75.	K Value (HPLC)	4000.00	200.00	Per sample
76.	PSP (Mouse bio assay)	1000.00	125.00	Per sample
77.	DSP (Mouse bio assay)	1000.00	125.00	Per sample
78.	Ochratoxin (Mouse bio assay)	1000.00	125.00	Per sample
79.	Metals & trace elements (Pb, Cd, Hg, As,Zn, Fe, Mg, Mn, Se, Cu, Cr, Sn, Na, K, Ca etc.)	1500.00	100.00	Up to 5 elements
80.	Metals & trace elements (Pb, Cd, Hg, As,Zn, Fe, Mg, Mn, Se, Cu, Cr, Sn, Na, K, Ca etc.)	2000.00	125.00	More than 5 & less than 10
81.	Metals & trace elements (Pb, Cd, Hg, As,Zn, Fe, Mg, Mn, Se, Cu, Cr, Sn, Na, K, Ca etc.)	2500.00	150.00	More than 10 elements
82.	Mercury (DMA)	1000.00	100.00	Per sample
83.	Phosphorus	1500.00	100.00	Per Sample