RKCT LABORATOY PVT. LTD. JABALPUR

Food & Agriculture Products

S.No.	Discipline	Group	Sub Group Product / Material of	Time Duration	Specific Test Performed	Test Metod Specification Against which tests are performed	Prize/Test
1	Chemical	Food & Agriculture	Herbs, Spices and Condiments (Ground)	2 days	Total Ash	IS 1797:2017, R.A. 2021	450/-
				2 days	Acid insoluble ash	IS 1797:2017, R.A. 2021	450/-
				2 days	Water insoluble ash	IS 1797:2017, R.A. 2021	450/-
				1 day	Crude Fiber	IS 1797:2017, R.A. 2021	350/-
				3 days	Non Volatile Ether	IS 1797:2017, R.A. 2021	600/-
				2 days	Protein	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcohol Soluble Extract	IS 1797:2017, R.A. 2021	350/-
				2 days	Cold Water Soluble Extract	IS 1797:2017, R.A. 2021	350/-
				1 day	Moisture	IS 1797:2017, R.A. 2021	400/-
				1 day	Volatile oil	IS 1797:2017, R.A. 2021	500/-
				3 days	Fat	IS 12711:1989,R.A.2020	600/-
				1 day	Added colour & brick powder in Chilli powder	IS 15642 (P-I):2006,R.A. 2020	100/-
				2 days	Total Ash	IS 1797:2017, R.A. 2021	450/-
				2 days	Acid insoluble ash	IS 1797:2017, R.A. 2021	450/-
				2 days	Water insoluble ash	IS 1797:2017, R.A. 2021	450/-
				1 day	Crude Fiber	IS 1797:2017, R.A. 2021	350/-
				3 days	Non Volatile Ether	IS 1797:2017, R.A. 2021	600/-
				2 days	Protein	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcohol Soluble Extract	IS 1797:2017, R.A. 2021	350/-
				2 days	Cold Water Soluble Extract	IS 1797:2017, R.A. 2021	350/-
				2 days	Starch	IS 4706 (P- II)1978,R.A 2020	700/-
				1 day	Moisture	IS 1797:2017, R.A. 2021	400/-
				3 days	Fat	IS 12711:1989,R.A.2020	600/-
				1 day	Volatile oil	IS 1797:2017, R.A. 2021	500/-
2	Chemical	Food & Agriculture	Bread & Bakery Products	1 day	Moisture	IS 12711:1989,R.A.2020	400/-
				2 days	Acid Insoluble Ash	IS 12711:1989,R.A.2020	450/-
					Acidity of the extracted fat (as oleic acid)	IS 12711:1989,R.A.2020	300/-
					Fat	IS 12711:1989,R.A.2020	600/-
				2 days	Total Protein	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcoholic acidity as H_2SO_4	IS 12711:1989,R.A.2020	300/-
				2 days	Total Ash	IS 12711:1989,R.A.2020	450/-
				2 days	Total Sugar	IS 2650:1975 R.A.2020	500/-
					Crude Fiber	IS 12711:1989,R.A.2020	350/-
				1 day	Total solid content in bread	IS 12711:1989,R.A.2020	350/-
				1 day	pH of the Bread	IS 12711:1989,R.A.2020	200/-
				1 day	Moisture	IS 1011:2002, R.A. 2019	400/-
				2 days	Acid Insoluble Ash	IS 1011:2002, R.A. 2019	450/-
				3 days	Acidity of the extracted fat (as oleic acid)	IS 12711:1989,R.A.2020	300/-
				3 days	Fat	IS 12711:1989,R.A.2020	600/-
				2 days	Total Protein	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcoholic acidity as H_2SO_4	IS 12711:1989,R.A.2020	300/-
				2 days	Total Ash	IS 1011:2002, R.A. 2019	450/-
				2 days	Total Sugar	IS 2650:1975 R.A.2020	500/-
				1 day	Crude Fiber	IS 12711:1989,R.A.2020	350/-
				3 days	Fat	IS 12711:1989,R.A.2020	600/-
				1 day	Moisture	IS 1155:1968,R.A.2020	400/-
				1 day	Crude fiber	IS 1155:1968,R.A.2020	350/-
				2 days	Protein (on dry basis , N 5.70)	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcoholic acidity as H_2SO_4 in 90g/100 g alcohol	IS 1155:1968,R.A.2020	300/-
				1 day	Gluten (on dry basis)	IS 1155:1968,R.A.2020	350/-
				2 days	Acid insoluble ash (on dry basis)	IS 1155:1968,R.A.2020	450/-
				2 days	Total Sugar	IS 2650:1975 R.A.2020	500/-
				2 days	Total Ash	IS 1155:1968,R.A.2020	450/-
				3 days	Fat	IS 12711:1989,R.A.2020	600/-
				1 day	Moisture	IS 1009:1979,R.A.2020	400/-
				1 day	Crude fiber	IS 1155:1968,R.A.2020	350/-
				2 days	Protein (on dry basis , N 5.70)	IS 7219:1973, R.A. 2020	500/-
				2 days	Alcoholic acidity as H_2SO_4 in 90g/100 g alcohol	IS 1009:1979,R.A.2020	300/-
				2 days	Acid insoluble ash (on dry basis)	IS 1009:1979,R.A.2020	450/-

3	**Chemical**	**Food & Agriculture**	**Cereals & Cereal Products (Multi Grain flour , wheat flour) Besan, Papad, Maida)**	**1 day**	Keshri Dal (Lathyrus sativus) in besan	IS 2400,1976 R.A.2020	**100**
				2 days	Total Sugar	IS 2650:1975 R.A.2020	**500/-**
				2 days	Total Ash	IS 1009:1979,R.A.2020	**450/-**
				3 days	Fat	IS 2639:1999, R.A.2020	**600/-**
				1 day	Moisture	IS 2639:1999, R.A.2020	**400/-**
				1 day	Crude fiber	IS 2639:1999, R.A.2020	**350/-**
				2 days	Protein (on dry basis , N 5.70)	IS 7219:1973, R.A. 2020	**500/-**
				2 days	Alcoholic acidity as H_2SO_4 in 90g/100 g alcohol	IS 1155:1968,R.A.2020	**300/-**
				2 days	Acid insoluble ash (on dry basis)	IS 2639:1999, R.A.2020	**450/-**
				2 days	Total Sugar	IS 2650:1975 R.A.2020	**500/-**
				2 days	Total Ash	IS 2639:1999, R.A.2020	**450/-**
				2 days	Alkalinity of Ash in Papad as sodium carbonate (on dry basis)	IS 2639:1999, R.A.2020	**350/-**
				1 day	pH of water extract in Papad	IS 2639:1999, R.A.2020	**200/-**
				3 day	Fat	IS 12711:1989,R.A.2020	**600/-**
				1 day	Moisture	IS 1009:1979,R.A.2020	**400/-**
				1 day	Crude fiber	IS 1155:1968,R.A.2020	**350/-**
				2 days	Protein (on dry basis , N 5.70)	IS 7219:1973, R.A. 2020	**500/-**
				2 days	Alcoholic acidity as H_2SO_4 in 90g/100 g alcohol	IS 1009:1979,R.A.2020	**300/-**
				1 day	Gluten (on dry basis)	IS 1009:1979,R.A.2020	**350/-**
				2 days	Acid insoluble ash (on dry basis)	IS 1009:1979,R.A.2020	**450/-**
				2 days	Total Sugar	IS 2650:1975 R.A.2020	**500/-**
				2 days	Total Ash	IS 1009:1979,R.A.2020	**450/-**
4	**Chemical**	**Food & Agriculture**	**Namkeen**	**1 day**	Moisture	IS 15271,2003 R.A. 2019	**400/-**
				2 days	Acid insoluble ash (on dry basis)	IS 15271:2003,R.A. 2019	**450/-**
					Fat	IS 15271:2003,R.A. 2019	**600/-**
				2 days	Total Ash	IS 15271:2003,R.A. 2019	**450/-**
				1 day	Crude Fiber	IS 1155:1968,R.A.2020	**350/-**
				2 days	Acidity of extracted fat (as oleic acid)	IS 15271:2003,R.A. 2019	**350/-**
				1 day	Peroxide value	IS 15271:2003,R.A. 2019	**350/-**
				2 days	Total Protein	IS 7219:1973, R.A. 2020	**500/-**
				2 days	Total Sugar	IS 2650:1975 R.A.2020	**500/-**
5	**Chemical**	**Food & Agriculture**	**Liquid Milk**	**1 day**	Starch	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products Clause 1.2.2.1	**100/-**
				1 day	Fat	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products .Clause :1.3.4	**450/-**
				1 day	Titratable Acidity (as lactic acid per 100 ml of milk)	IS 1479 (PART I):2016.R.A. 2021	**350/-**
				1 day	Sugar	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products Clause 1.2.1.1	**100/-**
				1 day	Sodium Chloride	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products Clause 1.2.8	**100/-**
				1 day	Hydrogen peroxide	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products clause 1.2.18.3	**100/-**
				1 day	Formaldehyde	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products clause 1.2.17.1	**100/-**
				1 day	Urea	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products clause 1.2.4.1	**100/-**
				2 day	Total Protein	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products clause 19.1	**500/-**
				1 day	Neutralizer	FSSAI; Manual of Methods of Analysis of Foods :Milk & Milk Products clause 1.2.11.2	**100/-**
				1 day	Total Ash	IS : 1479 Part(II):1961 R.A.2018	**450/-**
				1 day	Milk solid not fat	IS :10083:1982 R.A.2018	**450/-**
				1 day	Total solids	IS : 1479 Part(II):1961 R.A.2018	**400/-**
				1 day	Moisture	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products.Clause:1.2	**400/-**

6	**Chemical**	**Food & Agriculture**	**Tea**	**3 days**	Fat (on dry basis)	IS 15271,2003 R.A. 2019	**600/-**
				1 day	Crude Fiber (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products.Clause:5.8	**350/-**
				2 days	Total Ash (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products.Clause: 1.3	**450/-**
				2 days	Acid insoluble ash (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products.Clause 1.5	**450/-**
				2 days	Water soluble ash (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products.Clause 1.4	**450/-**
				2 days	Alkalinity of soluble ash (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products Clause 1.6	**400/-**
				1 day	Water extract (on dry basis)	FSSAI; Manual of Methods of Analysis of Foods :Tea & Beverages Products .Clause 1.7	**400/-**
				2 days	Total Protein	IS 7219:1973, R.A. 2020	**500/-**
7	**Chemical**	**Food & Agriculture**	**efined soyabean**	**1 day**	Moisture	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 3.1.3	**300/-**
				1 day	Acid value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 11.1.5	**350/-**
				2 days	Iodine value	FSSAI; Manual of Methods of Analysis of Foods :Oils & FatsClause 12.3.4	**550/-**
				2 days	Saponification value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 9.1.5	**450/-**
				2 days	Unsaponifiable matter	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 10.1.3	**650/-**
				1 day	Mineral oil	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats clause 28.1	**100/-**
8	**Chemical**	**Food & Agriculture**	**(Musturd oil)**	**1 day**	Moisture	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 3.1.3	**300/-**
				1 day	Acid value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 11.1.5	**350/-**
				1 day	Iodine value	FSSAI; Manual of Methods of Analysis of Foods :Oils & FatsClause 12.3.4	**550/-**
				2 days	Saponification value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 9.1.5	**450/-**
				2 days	Unsaponifiable matter	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 10.1.3	**650/-**
				1 day	Mineral oil	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats clause 28.1	**100/-**
9	**Chemical**	**Food & Agriculture**	**Sunflower Oil**	**1 day**	Moisture	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 3.1.3	**300/-**
				1 day	Acid value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 11.1.5	**350/-**
				1 day	Iodine value	FSSAI; Manual of Methods of Analysis of Foods :Oils & FatsClause 12.3.4	**550/-**
				2 days	Saponification value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 9.1.5	**450/-**
				2 days	Unsaponifiable matter	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 10.1.3	**650/-**
				1 day	Mineral oil	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats clause 28.1	**100/-**
				1 day	Moisture	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 3.1.3	**300/-**

10	**Chemical**	**Food & Agriculture**	**Coconut Oil**	**1 day**	Acid value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 11.1.5	**350/-**
				1 day	Iodine value	FSSAI; Manual of Methods of Analysis of Foods :Oils & FatsClause 12.3.4	**550/-**
				2 days	Saponification value	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 9.1.5	**450/-**
				2 days	Unsaponifiable matter	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats Clause 10.1.3	**650/-**
				1 day	Mineral oil	FSSAI; Manual of Methods of Analysis of Foods :Oils & Fats clause 28.1	**100/-**