

Laboratory	Ozone Pharmaceuticals Ltd. (Analytical Lab), 639-640, MIE, Bahadurgarh, Haryana		
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I.	FOOD & AGRICULTURAL PRODUCTS			
1.	Cereals			
a.	Maida	Moisture	IS 1009: 1979 (RA 2005) Appendix A	1.0 % to 20 %
		Total Ash	IS 1009: 1979 (RA 2005) Appendix B	0.2 % to 30 %
		Acid Insoluble Ash	IS 1009: 1979 (RA 2005) Appendix C	0.02 % to 30 %
		Gluten	IS 1009: 1979 (RA 2005) Appendix D	2 % to 15 %
		Alcoholic Acidity	IS 1009: 1979 (RA 2005) Appendix D	0.02 % to 2 %
b.	Suji (Semolina)	Moisture	IS 1010: 1968 (RA 2005) Appendix B	5 % to 15 %
		Total Ash	IS 1010: 1968 (RA 2005)	0.2 % to 30 %
		Acid Insoluble Ash	IS 1010: 1968 (RA 2005) Appendix D	0.02 % to 30 %
		Gluten	IS 1010: 1968 (RA 2005) Appendix E	2 % to 10 %
		Alcoholic Acidity	IS 1010: 1968 (RA 2005) Appendix F	0.02 % to 30 %
c.	Wheat Atta	Moisture	IS 1155: 1968 (RA 2005) Appendix A	0.5 % to 30 %
		Total Ash	IS 1155: 1968 (RA 2005) Appendix B	1 % to 30 %
		Acid Insoluble Ash	IS 1155: 1968 (RA 2005) Appendix C	0.02 % to 30 %
		Alcoholic Acidity	IS 1155: 1968 (RA 2005) Appendix F	0.02 % to 30 %
		Gluten	IS 1155: 1968 (RA 2005) Appendix D	2 % to 25 %

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2.	Spices & Condiments (Whole, Ground & Mixed)	Extraneous Matter	IS 1797: 1985 (RA 2001) Clause. 4	1 % to 10 %
		Moisture	IS 1797: 1985 (RA 2001) Clause. 9	1.5 % to 30 %
		Total Ash	IS 1797: 1985 (RA 2001) Clause. 6	2.5 % to 30 %
		Acid Insoluble Ash	IS 1797: 1985 (RA 2001) Clause. 8	0.1 % to 30 %
		Water Insoluble Ash	IS 1797: 1985 (RA 2001) Clause. 7	0.5 % to 30 %
		Volatile Oil	IS 1797: 1985 (RA 2001) Clause. 15	0.2 % to 10 %
		Non-Volatile Ether Extract	IS 1797: 1985 (RA 2001) Clause. 14	5 % to 30 %
		Crude Fiber	IS 1797: 1985 (RA 2001) Clause. 13	1 % to 30 %
		Alcohol Soluble Extract	IS 1797: 1985 (RA 2001) Clause. 10	1 % to 40 %
		Cold Water Soluble Extract	IS 1797: 1985 (RA 2001) Clause. 11	1 % to 40 %
		Acidity	IS 13242: 1991 (RA 2003) Annexure A	0.5 % to 30 %
		Curcumin Content in Haldi	IS 10925: 1984 (RA 2003) Appendix B	1 % to 6 %

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	Spices & Condiments (Whole, Ground & Mixed)	Chromate Test In Haldi	IS 3576: 1994 (RA 2003) Annexure A	Qualitative
		Insect Damaged Matter	IS 13446: 1999 (RA 2003) Clause. 4.7	0.001 % to 5 %
		Empty & Malformed Capsules	IS 13446: 1999 (RA 2003) Clause. 4.4	1 % to 5 %
		Total Capsaicinoid	AOAC (18 th Edition) 995.03: 2011	0.03 % to 0.5 %
		Piperine Content	AOAC (18 th Edition) 987.07: 2011	0.05 % to 10 %
		Immature and Shriveled Capsules	IS 13446: 1999 (RA 2003) Clause. 4.5	1 % to 5 %
		Added Synthetic Colouring Matter (Oil & Water Soluble)	DGHS Manual 2005 (Lab Manual 8)	Qualitative
		Presence of Mineral Oil	DGHS Manual 2005 (Lab Manual 10)	Qualitative
		Protein	IS 7219: 1973 (RA 2005)	0.2 % to 60 %
		Carbohydrate	IS 1656: 2007 Annexure C	5 % to 80 %
		Energy	IS 9487: 1980 (RA 2005)	200 kcal/100g to 800 kcal/100g
		Starch	IS 4706 (Part 2): 1978 (RA 2005) Clause. 9	10 % to 65 %
		Salt	IS 1797: 1985 (RA 2001) Clause. 16	0.2 % to 25 %

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3.	Processed Fruit & Vegetable Products I.E Jam, Jellies, Marmalades, Pickles, Sauce, Ketchup	Moisture	IS 4624: 1978 (RA 2005)	0.5 % to 50 %
		Total Ash	IS 4624: 1978 (RA 2005)	0.5 % to 30 %
		Acid Insoluble Ash	IS 13846: 1993 RA 2003	0.5 % to 30 %
		Crude Fiber	IS 10226 (Part 1): 1982	1 % to 30 %
		Protein	IS 7219: 1973 (RA 2005)	1 % to 60 %
		Fat	IS 4684: 1975 (RA 2000) Annexure F	1 % to 60 %
		Carbohydrate	IS 1656: 2007, Annexure C	2 % to 98 %
		TSS	IS 13815: 1993 (RA 2003)	0 to 95°
		Acidity	IS 13844: 2003	1 % to 25 %
		Sugar	IS 2650: 1975 (RA 2005)	2 % to 80 %
		Calories	IS 9487: 1980 (RA 2005)	15 kcal/100g to 900 kcal/100g
		Sodium Chloride	IS 2860: 1964 (RA 2001) Clause 11	1 g/100g to 20 g/100g
		Artificial Sweetener As Saccharin	DGHS manual 2005 (Lab Manual 8)	Qualitative
		Added Synthetic Color	DGHS manual 2005 (Lab Manual 8)	Qualitative

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4.	Bakery & Confectionery			
a.	Namkeens	Moisture	IS 12566: 1989 (RA 1999) IS 1011: 2002 Annexure A	0.5 % to 30 %
		Fat	IS 12566: 1989 (RA 1999) IS 4684:1975 (RA 2000) Annexure F	0.5 % to 60 %
		Ash	IS 1155: 1968 (RA 2005) Appendix B	0.5 % to 30 %
		Acid Insoluble Ash	IS 1155: 1968 (RA 2005) Appendix C	0.05 % to 30 %
		Protein	IS 7219: 1973 (RA 2005)	1 % to 60 %
		Acidity of Extracted Fat	IS 1011: 2002 Appendix D	0.1 % to 30 %
		Peroxide Value	IS 15271: 2003 Annexure F	0.5 meq/kg to 10 meq/kg
		Carbohydrate	IS 1656: 2007 Annexure C	2 % to 98 %
		Calories	IS 9487: 1980 (RA 2005)	15 kcal/100 g to 900 kcal/100 g
b.	Bakery	Moisture	IS 12711: 1989 (RA 2005) Clause 5	0.5 % to 50 %
		Total Ash	IS 12711: 1989 (RA 2005) Clause 6	0.5 % to 30 %
		Acid Insoluble Ash	IS 12711: 1989 (RA 2005) Clause 7	0.05 % to 30 %
		Fat	IS 12711: 1989 (RA 2005) Clause. 10	0.5 % to 30 %

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	Bakery	Protein	IS 7219: 1973 (RA 2005)	1 % to 60 %
		Crude Fibre	IS 12711: 1989 (RA 2005) Clause 13	1 % to 30 %
		Sucrose	IS 2650: 1975 (RA 2005) Appendix E	1 % to 50 %
		pH	IS 12711: 1989 (RA 2005) Clause 12	0 to 14
		Acidity of Extracted Fat	IS 12711: 1989 (RA 2005) Clause 11	0.1% to 5.0 %
		Total Solids	IS 12711: 1989 (RA 2005) Clause 8	10 % to 98 %
		Carbohydrate	IS 1656: 2007 Annexure C	2 % to 98 %
		Calories	IS 9487: 1980 (RA 2005)	15 kcal/100g to 900 kcal/100g
		Alcoholic Acidity	IS 12711: 1989 (RA 2005) Clause. 14	0.02 g/100g to 30 g/100g
c.	Biscuit	Moisture	IS 1011: 2002 Appendix B	0.5 % to 30 %
		Acid Insoluble Ash	IS 1011: 2002 Appendix C	0.05 % to 30 %
		Acidity of Extracted Fat	IS 1011: 2002 Appendix D	0.1 % to 2 %
5.	Common & Fortified Salt	Moisture	IS 7224: 2006 Annexure A IS 253: 1985 (RA 2004)	0.2 % to 30 %
		Water Soluble Matter Other Than NaCl	IS 7224: 2006 Annexure E IS 253: 1985 (RA 2004)	0.5 % to 30 %
		Water Insoluble Matter	IS 7224: 2006 Annexure C IS 253: 1985 (RA 2004)	0.5 % to 30 %

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6.	Common & Fortified Salt	Iodine Content	IS 7224: 2006 Annexure H	10 mg/kg to 100 mg/kg
		Sodium Chloride Content	IS 7224: 2006 Annexure D IS 253: 1985 (RA 2004)	50 % to 100 %
		Alkalinity	IS 7224: 2006 Annexure J	0.05 % to 5 %
	Milk & Dairy Products	Moisture	IS 11623: 1986 (RA 2007)	0.5 % to 30 %
		Total Ash	IS 1165: 2002 Annexure A	2 % to 30 %
		Fat	IS 11721: 2005	1 % to 60 %
		Protein	IS 7219: 1973 (RA 2005)	1 % to 60 %
		Sugar	IS 4079: 1967 (RA 2000)	1 % to 80 %
		Titrateable Acidity	IS 11766: 1986 (RA 2003) IS 1165: 2002 Annexure B	0.5 % to 5 %
		Total Solids	IS 11623: 2008 IS 12299: 1998 (RA 2003)	5 % to 98 %
		Carbohydrate	IS 1656: 2007 Annexure C	2 % to 98 %
		Calories	IS 9487: 1980 (RA 2005)	15 kcal/100g to 900 kcal/100g

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7.	All Extruded & Processed Food Products I.E. Panjiri, Sattu, India Mix, Sheera, Shukhadi Premix, Milk – Cereal Based Complimentary Foods and Protein-Rich Food Supplements and “Ready-To-Eat” Protein Rich Extruded Foods For Infants & Preschool Children	Moisture	IS 7021: 1973 (RA 2005) Appendix B IS 4684: 1975 (RA 2000) IS 11623: 1986	1 % to 30 %
		Protein	IS 7021: 1973 (RA 2005) IS 4684: 1975 (RA 2000) Appendix C IS 7219: 1973	5 % to 60 %
		Total Ash	IS 7021: 1973 (RA 2005) IS 4684: 1975 (RA 2000) Appendix D IS 14433: 1997 Annexure B	1 % to 30 %
		Acid Insoluble Ash	IS 7021: 1973 (RA 2005) Appendix E IS 4684: 1975 (RA 2000) IS 14433: 1997 Annexure B	0.02 % to 30 %
		Sugar	IS 2650: 1975 (RA 2005) Appendix E	2.0 % to 80 %
		Carbohydrate	IS 1656: 2007 Annexure C	2 % to 98 %
		Calorific Value	IS 9487: 1980 (RA 2005)	15 kcal/100g to 900 kcal/100g
		Fat	IS 7021: 1973 (RA 2005) IS 4684: 1975 (RA 2000) Appendix F IS 1656	0.5 % to 60 %
		Crude Fiber	IS 7021:1973 (RA 2005) IS 4684: 1975 (RA 2000) Appendix H, IS 10226 (Part 1)	0.5 % to 5 %

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	All Extruded & Processed Food Products I.E. Panjiri, Sattu, India Mix, Sheera, Shukhadi Premix, Milk – Cereal Based Complimentary Foods and Protein-Rich Food Supplements and “Ready-To-Eat” Protein Rich Extruded Foods For Infants & Preschool Children	Vitamin C	IS 5838:1970(RA 2005)	(10 to 1000) mg/100g
		Vitamin A	AACC:86:06/1995/OPLTP (F)-09	(10 to 1000) mcg/100g
		Thiamine (Vitamin B1)	IS 5398:1969(RA 2005)/OPLTP (F)-10	(0.1 to 1000) mg/100g
		Riboflavin (Vitamin B2)	IS 5399:1969(RA 2005)/OPLTP (F)-11	(0.1 to 1000) mg/100g
		Niacin & Niacinamide	IS 5400: 1969 (RA 2005) OPLTP (F)-12 Issue No. 01 & Date-24.01.2014	(1 to 1000) mg/100g
		Iron	AOAC (18 th Ed) 999.11: 2011 IS 14433: 2007 Annexure D	1 mg/kg to 50 mg/kg
		Calcium	AOAC (18 th Edition) 975.03: 2011	2 mg/kg to 1000 mg/kg
		Magnesium	AOAC (18 th Edition) 975.03: 2011	1 mg/kg to 1000 mg/kg
		Copper	AOAC (18 th Edition) 999.11: 2011	0.5 mg/kg to 50 mg/kg
		Zinc	AOAC (18 th Edition) 999.11: 2011	1 g/100g to 1000 mg/100g
8.	Honey	Moisture	IS 4941: 1994 (RA 2002) Annexure B-2	0.05 g/100g to 40 g/100g
		Optical Density	IS 4941: 1994 (RA 2002) Annexure H	0.001 to 0.799
		Specific Gravity	IS 4941: 1994 (RA 2002) Annexure A	0.90 to 2.0

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	Honey	Total Reducing Sugar	IS 4941: 1994 (RA 2002) Annexure C-1	50 g/100g to 85 g/100g
		Sucrose	IS 4941: 1994 (RA 2002) Annexure C-2	0.40 g/100g to 85 g/100g
		Fructose Glucose Ratio	IS 4941: 1994 (RA 2002) Annexure C-3	0.80 to 2.0
		Ash	IS 4941: 1994 (RA 2002) Annexure D	0.002 g/100g to 5 g/100g
		Acidity	IS 4941: 1994 (RA 2002) Annexure E	0.01 g/100g to 5.0 g/100g
		Fiehe's Test	IS 4941: 1994 (RA 2002) Annexure F-1	Qualitative
		Hydroxy Methyl Furfural (HMF)	IS 4941: 1994 (RA 2002) Annexure F-2	0.2 mg/kg to 150 mg/kg
9.	Cereals, Pulses and by-Products	Moisture	IS 4333 (Part 2) (RA 2002) IS 1484: 1974 (RA 2005)	0.1 % to 30 %
		Foreign Matter	IS 4333 (Part 1): 1996 (RA 2001)	0.001 % to 25 %
		Broken Matter		0.001 % to 25 %
		Insect Damaged		0.001 % to 25 %
		Damaged Grains		0.001 % to 25 %
		Weeviled Grains		0.001 % to 25 %
		Other Edible Grains		0.001 % to 25 %

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	Cereals, Pulses and by-Products	Acid Insoluble Ash	IS 1155: 1968 (RA 2005) Appendix C	0.05 % to 30 %
		Gluten	IS 1155: 1968 (RA 2005) Appendix D	2 % to 20 %
		Protein	IS 7219: 1973 (RA 2005)	1 % to 60%
		Total Ash	IS 1484: 1974 (RA 2005)	0 to 30 %
		Crude Fiber		1 % to 30 %
		Alcoholic Acidity	IS 1009: 1979 (RA 2005) Appendix E IS 1155: 1968 (RA 2005) Appendix F	0.05 % to 30 %
		Fat	IS 4684: 1975 (RA 2005) Appendix F	0.5 % to 60 %
		Kesari Dal	IS 2400: 1976 (RA 2005) Appendix A	Qualitative
		Energy (Calorific Value)	IS 9487: 1980 (RA 2005)	15 kcal/100g to 900 kcal/100g
10.	Oils, Fats and Related Products	Moisture & Volatile Matter	IS 548 (Part 1): 1964 (RA 2006) Clause. 5.1	0.02 g/100g to 30 g/100g
		RM Value	IS 548 (Part 1): 1964 (RA 2006) Clause 18	20 to 80
		Refractive Index	IS 548 (Part 1): 1964 (RA 2006) Clause 10	1.30 to 1.70
		Saponification Value	IS 548 (Part 1): 1964 (RA 2006) Clause 15	165 to 500
		Iodine Value	IS 548 (Part 1): 1964 (RA 2006) Clause 14	7 to 250

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	Oils, Fats and Related Products	Polenske Value	IS 548 (Part 1): 1964 (RA 2006) Clause. 19	10 to 50
		Acid Value	IS 548 (Part 1): 1964 (RA 2006) Clause. 7	0.5 to 10
		Free Fatty Acids	IS 548 (Part 1): 1964 (RA 2006) Clause. 7	0.05 to 10
		Peroxide Value	IS 548 (Part 1): 1964 (RA 2006) Clause. 20	(1 milli eq to 100 milli eq)/ 1000 g
		Allyl Isothiocyanate	IS 548 (Part 1): 1964 (RA 2006) Clause. 17	0.002 g/100g to 5 g/100g
		Melting Point	IS 548 (Part 1): 1964 (RA 2006) Clause. 9	40 °C to 300 °C
		Bellier Test	DGHS Manual, 2005 (Lab Manual 2)	39 °C to 41 °C
		Specific Gravity	IS 548 (Part 1): 1964 (RA 2006) Clause. 11	0.90 to 2.0
		Test For Rancidity	DGHS Manual 2005 (Lab Manual 2)	Qualitative
		Phosphorus	AOAC (Edition) 965.17: 2011	2 mg/100g to 1000 mg/100g
		Fatty Acid Profile	IS 548 (Part 3): 1976 (RA 2006)	0.2 % to 100 %
		Mineral Oil	DGHS Manual 2005 (Lab Manual 2)	Qualitative

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	Oils, Fats and Related Products	Hydrocyanic Acid	DGHS Manual 2005 (Lab Manual 2)	Qualitative
		Baudouin Test	DGHS Manual 2005 (Lab Manual 2)	Qualitative
		Argemone Oil	DGHS Manual 2005 (Lab Manual 2)	Qualitative
11.	All Food & Food Products (Cereal Foods, Meat & Meat Products, Ready to Eat Foods, Proprietary Foods)	Vitamins		
		Vitamin A	AACC:86:06/1995/OPLTP(F)-09	(10 to 1000) mcg/100g
		Thiamine (Vitamin B1)	OPLTP(F)-10	(0.1 to 1000) mg/100g
		Riboflavin (Vitamin B2)	OPLTP(F)-11	(0.1 to 1000) mg/100g
		Niacin & Niacinamide	OPLTP(F)-12	(1 to 1000) mg/100g
		Vitamin C	IS 5838: 1970 (RA 2005)	(1 to 1000) mg/100g
		Vitamin B6 (Pyridoxine)	IS 7530:1975 (RA 2005)	0.1 % to 20 %
		Fatty Acid Profile (Saturated, MUFA, PUFA, Trans Fat)	IS 548 (Part 3): 1976 (RA 2006)	0.2 % to 100 %
		Minerals		
		Iron	AOAC (18 th Edition) 999.11: 2011	0.1 mg/kg to 500 mg/kg
		Zinc		0.1 mg/kg to 500 mg/kg

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	All Food & Food Products (Cereal Foods, Meat & Meat Products, Ready to Eat Foods, Proprietary Foods)	Calcium	AOAC (18 th Edition) 975.03: 2011	0.1 mg/kg to 500 mg/kg
		Sodium	AOAC (18 th Edition) 985.35: 2011	0.1 mg/kg to 500 mg/kg
		Potassium	AOAC (18 th Edition) 985.35: 2011	0.1 mg/kg to 500 mg/kg
		Magnesium	AOAC (18 th Edition) 975.03: 2011	0.1 mg/kg to 500 mg/kg
		Manganese	IS 3025: 1964 Clause. 35 AOAC (18 th Edition) 985.35: 2011	0.1 mg/kg to 10 mg/kg
		Copper	AOAC (18 th Edition) 999.11: 2011	0.1 mg/kg to 500 mg/kg
12.	Milk & Milk Products	Test For Adulterants		
		Cane Sugar	DGHS Manual 2005 Method 1.2.1.0	Qualitative
		Starch	DGHS Manual 2005 Method 1.2.2.0	Qualitative
		Cellulose	DGHS Manual 2005 Method 1.2.3.0	Qualitative
		Added Urea	DGHS Manual 2005 Method 1.2.4.0(b)	Qualitative
		Ammonium Sulphate	DGHS Manual 2005 Method 1.2.5	Qualitative
		Glucose	DGHS Manual 2005 Method 1.2.6	Qualitative
		Sodium Chloride	DGHS Manual 2005 Method 1.2.7	Qualitative

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	Milk & Milk Products	Saccharin	DGHS Manual 2005 Method 1.2.8	Qualitative
		Salicylic Acid	DGHS Manual 2005 Method 1.2.8	Qualitative
		Dulcin	DGHS Manual 2005 Method 1.2.9	Qualitative
		Neutralizers	DGHS Manual 2005 Method 1.2.11.0	Qualitative
		Hypochlorite & Chloramines	DGHS Manual 2005 Method 1.2.12	Qualitative
		Gelatin	DGHS Manual 2005 Method 1.2.16	Qualitative
		Formalin	DGHS Manual 2005 Method 1.3(a)	Qualitative
		Hydrogen Peroxide	DGHS Manual 2005 Method 1.3(b)	Qualitative
		Boric Acid & Borates	DGHS Manual 2005 Method 1.3(c)	Qualitative

II. DRUGS & PHARMACEUTICALS

A. Drugs & Pharmaceuticals

1. Raw Material	General Tests		
	Description	IP 2014 BP 2014 USP 37	Qualitative

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	Raw Material	Solubility	IP 2014, Page No. 174 BP 2014, Page No. V-11 USP 37, Page No. 1536	Qualitative
		Identification by IR	IP 2014, Page No. 337 BP 2014, Page No. V-A 159 USP 37, Page No. 144	Qualitative
		Identification by UV	IP 2014, Page No. 139 BP 2014, Page No. V-A 165 USP 37, Page No. 144	Qualitative
		Identification by Chemical	IP 2014 Page No. 87 BP 2014 Page No. V-A 225 USP 37 Page No. 140	Qualitative
		Loss on Drying	IP 2014 Page No. 162 BP 2014 Page No. V-A 296 USP 37 Page No. 369	1 % to 40 %
		Viscosity	IP 2014 Page No. 203 BP 2014 Page No. V-A 243 USP 37 Page No. 494	0.5 CPS to 200000 CPS
		Arsenic	IP 2014, Page No. 95 BP 2014, Page No. V-A 259 USP 37, Page No. 155	Qualitative
		Sulphate	IP 2014, Page No. 98 BP 2014, Page No. V-A 258 USP 37, Page No. 157	Qualitative
		Chloride	IP 2014, Page No. 96 BP 2014, Page No. V-A 256 USP 37, Page No. 157	Qualitative

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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
	Raw Material	Sulphated Ash	IP 2014, Page No. 98 BP 2014, Page No. V-A 293 USP 37, Page No. 176	0.01 % to 50 %
		Melting Range/Point	IP 2014, Page No. 164-166 BP 2014, Page No. V-A 235 USP 37, Page No. 378	40 °C to 300 °C
		pH	IP 2014, Page No. 169 – 170 BP 2014, Page No. V-A 248 USP 37, Page No. 402	0 to 14
		Refractive Index	IP 2014, Page No. 203 BP 2014, Page No. V-A 237 USP 37, Page No. 475	1.30 to 1.70
		Specific Optical Rotation	IP 2014, Page No. 167-168 BP 2014, Page No. V-A 241 USP 37, Page No. 391	(-) 360° to (+) 360°
2.	Paracetamol	Assay	IP 2014, Page No. 2430 BP 2014, Page No. II-499 USP 37, Page No. 1564	50 % to 120 %
3.	Caffeine	Assay	IP 2014, Page No. 2058 BP 2014, Page No. I-344 USP 37, Page No. 3820	50 % to 120 %
4.	Cefadroxil	Water	IP 2014, Page No. 1292 BP 2014, Page No. I-427 USP 37, Page No. 2181	0.1 % to 40 %
5.	Chloramphenicol	Assay	IP 2014, Page No. 1349 BP 2014, Page No. I - 496 USP 37, Page No. 2277	50 % to 120 %

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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
6.	Nicotinamide	Related Substance	IP 2014, Page No. 2332 BP 2014, Page No. II-366	Qualitative
7.	Alprazolam	Related Substance	IP 2014, Page No. 1016 BP 2014, Page No. I-104 USP 37, Page No. 1654	Qualitative
8.	Diclofenac Sodium	Assay	IP 2014, Page No. 1551	50 % to 120 %
		Related Substance	IP 2014, Page No. 1551	0 to 2.0 %
9.	Ibuprofen	Assay	IP 2014, Page No. 1943 BP 2014, Page No. I-1165	50 % to 120 %
10.	Tetracycline HCL	Assay	IP 2014, Page No. 2849	50 % to 120 %
		Related Substance	IP 2014, Page No. 2848-2849	Qualitative
11.	Glycerin	Ethylene Glycol, Diethylene Glycol & Related Substance	IP 2014, Page No. 1870 BP 2014, Page No. I-1063 USP 37, Page No. 3167	Qualitative
		Water	IP 2014, Page No. 1870 BP 2014, Page No. I-1063 USP 37, Page No. 3167	0.1 % to 40 %
12.	Sodium Carboxy Methyl Cellulose	Assay	IP 2014, Page No. 1281	2.0 % to 15.0 %
13.	Sesame Oil	Acid Value	IP 2014, Page No. 100 BP 2014, Page No. V-A 304 USP 37, Page No. 189	0 to 10
		Iodine Value	IP 2014, Page No. 102 BP 2014, Page No. V-A 305 USP 37, Page No. 191	50 to 150

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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
	Sesame Oil	Saponification Value	IP 2014, Page No. 109 BP 2014, Page No. V-A 306 USP 37, Page No. 192	100 to 250
14.	Yasti	Total Ash	API (Part I, Vol. I) Page No. 127	0 to 50 %
		Acid Insoluble Ash		0 to 30 %
		Alcohol Soluble Extractive		0 to 50 %
		Water Soluble Extractive		0 to 50 %
15.	Pharmaceutical Dosage Forms/ Preparations	General Tests		
		Identification by IR	IP 2014, Page No. 134 – 139 BP 2014, Page No. V-A 159 USP 37, Page No. 144	Qualitative
		pH	IP 2014, Page No. 169 BP 2014, Page No. V-A 248 USP 37, Page No. 343	2 to 12
		Disintegration Time	IP 2014, Page No. 251 -253 BP 2014, Page No. V-A 333 USP 37, Page No. 342	0 to 180 min
		Uniformity of Weight	IP 2014, Page No. 256 BP 2014, Page No. V-A 357 USP 37, Page No. 491	As per specification
		Dissolution	IP 2014, Page No. 253-256 BP 2014, Page No. V-A 344 USP 37, Page No. 344	0 to 120 %

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16.	Chloroamphenicol Capsules	Assay	IP 2014, Page No. 1349 USP 37, Page No. 2327	50 % to 120 %
17.	Paracetamol Tablet	Assay	IP 2014, Page No. 2434 BP 2014, Page No. III-191-920 USP 37, Page No. 1568	50 % to 120 %
18.	Ciprofloxacin HCL Tablets	Assay	IP 2014, Page No. 1404 BP 2014, Page No. III-310 USP 37, Page No. 2355	50 % to 120 %
19.	Alprazolam Tablets	Uniformity of Content	IP 2014, Page No. 1017 USP 37, Page No. 1656	50 % to 120 %
		Assay	IP 2014, Page No. 1018 USP 37, Page No. 1656	50 % to 120 %
B.	Homeopathic Drugs of Plant/ Chemical Origin Raw Material	General Tests		
		Arsenic	HPI 1971 Volume-I Page No. 240 Appendix 8-B	Qualitative
		Heavy Metals	HPI 1971 Volume-I Page No. 242 Appendix D	Qualitative
		Lead	HPI 1971 Volume-I Page No. 241 Appendix D	Qualitative
		Iron	HPI 1971 Volume-I Page No. 239 Appendix 8 A	Qualitative
		Sulphate	HPI 1971 Volume-I Page No. 240 Appendix 8A	Qualitative
		Loss on Drying	HPI 1971 Volume-I Page No. 244 Appendix XA & B	0.1 % to 50 %

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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
	Homeopathic Drugs of Plant/ Chemical Origin Raw Material	Ash	HPI 1971 Volume-I Page No. 243 Appendix IXA	0.01 % to 50 %
		Residue on Ignition	HPI 1971 Volume-I Page No. 243 Appendix IXC	0.01 % to 50 %
		Copper	HPI 1971 Volume-I Page No. 235 Appendix VII	Qualitative
		Zinc	HPI 1971 Volume-I Page No. 239 Appendix VII	Qualitative
		Aluminum	HPI 1971 Volume-I Page no 234 Appendix VII	Qualitative
		Calcium	HPI 1971 Volume-I Page No. 235 Appendix VII	Qualitative
		Aldehydes	HPI Volume-I Page No. 37	Qualitative
		Acidity and Alkalinity	HPI 1971 Volume-I Page No. 37	Qualitative
C.	Homeopathic Single Drugs of Plant /Animal/ Chemical/ Origin (Specific Test)			
1.	Acidum Phosphoricum	Identification	HPI 1971 Volume-I Page No. 30	Qualitative
		Assay	HPI 1971 Volume-I Page No. 30	5 % to 90 %
2.	Alcohol Fortis Strong Alcohol	Identification	HPI 1971 Volume-I Page No. 37	Qualitative
		Non Volatile Matter	HPI 1971 Volume-I Page No. 37	0.001 % to 0.1 %

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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
3.	Arsenic Trisulphide	Identification	HPI 1971 Volume-I Page No. 60	Qualitative
		Assay	HPI 1971 Volume-I Page No. 60	5 % to 90 %
4.	Calcium Phosphoricum	Identification	HPI 1971 Volume-I Page No. 85	Qualitative
		Assay	HPI 1971 Volume-I Page No. 85	5 % to 90 %

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