

Laboratory	Amol Pharmaceuticals Pvt. Ltd. (Analytical Division), E1-362, Sitapura Industrial Area, Jaipur, Rajasthan		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	19.11.2014
Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	1 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. DRUGS AND PHARMACEUTICALS				
1. Drug Intermediates and Raw Materials				
a.	Ibuprofen	Identification	IP 2014 Vol. II, Pg:1941-1942 BP2014 Vol. I	Qualitative
b.	Ferrous Fumarate	Identification	USP 37, Vol. II, pg:2954	Qualitative
c.	D-Biotin	Identification	USP 37, Vol. II pg:1985	Qualitative
d.	Glucosamine Hydrochloride	Identification	USP 37, Vol. VI pg:5424	Qualitative
e.	Niacinamide	Description	IP2014, Vol. III Pg.2332 BP2014 Vol. II	Qualitative
		Identification	IP2014, Vol. III Pg.2332 BP2014 Vol. II	Qualitative
		Appearance of solution	IP2014, Vol. III Pg.2332 BP2014 Vol. II	Qualitative
		pH	IP2014, Vol. III Pg.2332 BP2014 Vol. II	1.0 to 14.0
		Related Substances	IP2014, Vol. III Pg.2332 BP2014 Vol. II	Qualitative
		Heavy Metals	IP2014, Vol. III Pg.2332 BP2014 Vol. II	Qualitative
		Chlorides	IP2014, Vol. III Pg.2332	Qualitative

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	2 of 12

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	Niacinamide	Sulphates	IP2014, Vol. III Pg.2333	Qualitative
		Sulphated Ash	IP2014, Vol. III Pg.2333 BP2014 Vol. II	0 to 0.1%
		Loss on Drying	IP2014, Vol. III Pg.2333 BP2014 Vol. II	0.5 % to 30 %
		Assay	IP2014, Vol. III Pg.2333 BP2014 Vol. II	80 % to 120 %
2.	Synthetic Drugs			
a.	Paracetamol Tablets	Description	IP2014, Vol. III Pg.2434 BP2014 Vol. III	Qualitative
		Identification	IP2014, Vol. III Pg.2434 BP2014 Vol. III	Qualitative
		Average Weight	IP2014, Vol. III Pg.2434 BP2014 Vol. III	0.05 g to 5 g
		Uniformity of Weight of tablets	IP2014, Vol. III Pg.2434 BP2014 Vol. III	5 % to 10 % of Average weight
		Dissolution	IP2014, Vol. III Pg.2434 BP2014 Vol. III	25 % to 120 %
		Assay	IP2014, Vol. III Pg.2434 BP2014 Vol. III	80 % to 120 %
b.	Metronidazole Tablets	Description	IP2014, Vol. II pg:2219 BP2014 Vol. III	Qualitative

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Discipline	Chemical Testing	Issue Date	19.11.2014
Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	3 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Metronidazole Tablets	Identification	IP2014, Vol. II Pg:2219 BP2014 Vol. III	Qualitative
		Average Weight	IP2014, Vol. II Pg:2219 BP2014 Vol. III	0.05 % to 5 % of Theoretical weight
		Uniformity of Weight of tablets	IP2014, Vol. II Pg:2219 BP2014 Vol. III	5 % to 10% of Average Weight
		Dissolution	IP2014, Vol. II Pg:2219 BP2014 Vol. III	25 % to 120 %
		Assay	IP2014, Vol. II Pg:2219 BP2014 Vol. III	80 % to 120 %
II. FOOD & AGRICULTURAL PRODUCTS				
1. Spices and condiments				
a.	Large Cardamom	Moisture	IS 13446: 2009 IS 1797: 2009	0.1 % to 20 %
		Total Ash	IS 13446: 2009 IS 1797: 2009	0.5 % to 15 %
		Acid insoluble ash	IS 13446: 2009 IS 1797: 2009	0.1 % to 5 %
		Volatile Oil	IS 13446: 2009 IS 1797: 2009	0.1 % to 5 %
b.	Coriander	Moisture	IS 2443:2008 IS 1797: 2009	0.1 % to 20 %

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	4 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
c.	Coriander	Total Ash	IS 2443:2008 IS 1797: 2009	0.5 % to 15 %
		Acid insoluble ash	IS 2443: 2008 IS 1797: 2009	0.1% to 5 %
		Volatile Oil	IS 2443: 2008 IS 1797: 2009	0.1 % to 5 %
	Red Chilli	Moisture	IS 2443: 2008 IS 1797: 2009	0.1 % to 20 %
		Total Ash	IS 2443: 2008 IS 1797: 2009	0.5 % to 15 %
		Acid insoluble ash	IS 2443: 2008 IS 1797: 2009	0.1 % to 5 %
		Crude Fire	IS 2443: 2008 IS 1797: 2009	1 % to 40 %
		Nonvolatile ether extract	IS 2003: 2010 IS 1797: 2009	0.1 % to 30 %
	2. Fortified Wheat Atta	Moisture	IS 10898: 2005 IS 1155: 2005	1 % to 20 %
		Total Ash	IS 10898: 2005 IS 1155: 2005	0.5 % to 15 %
Acid insoluble ash		IS 10898: 2005 IS 1155: 2005	0.1 % to 5 %	
Gluteen		IS 10898: 2005 IS 1155: 2005	2.0 % to 25 %	

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	5 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fortified Wheat Atta	Crude Fiber	IS 10898: 2005 IS 1155: 2005	0.1 % to 10 %
		Alcoholic acidity	IS 10898: 2005 IS 1155: 2005	0.05 % to 0.5 %
3.	Multi Vitamins and Minerals Tablets	Calcium	SOP No.APAD-163, Rev. no. 01, Effective dt:18/09/14	125 mg to 375 mg
		Magnesium	SOP No.APAD-170, Rev. No. 00, Effective dt:18/09/14	50 mg to 150 mg
		Manganese	SOP No.APAD-171, Rev. No. 00, Effective dt:18/09/14	1.25 mg to 3.75 mg
		Molybdenum	SOP No.APAD-172, Rev. No. 00, Effective dt:18/09/14	12.5 µg/g to 37.5 µg/g
		Zinc	SOP No.APAD-173, Rev. No. 00, Effective dt:18/09/14	7.5 mg to 22.5 mg
		Copper	SOP No.APAD-174, Rev. No. 00, Effective dt:18/09/14	1.0 mg to 3.0 mg
		Potassium	SOP No.APAD-175, Rev. No. 00, Effective dt:18/09/14	20.0 mg to 60.0 mg

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	6 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Multi Vitamins and Minerals Tablets	Chromium	SOP No.APAD-176, Rev. No. 00, Effective dt:18/09/14	12.5 µg/g to 37.5 µg/g
		Nickel	SOP No.APAD-177, Rev. No. 00, Effective dt:18/09/14	2.5 µg/g to 7.5 µg/g
		Selenium	SOP No.APAD-178, Rev. No. 00, Effective dt:18/09/14	15.0 µg/g to 45.0 µg/g
		Tin	SOP No.APAD-179, Rev. No. 00, Effective dt:18/09/14	5 µg/g to 15 µg/g
		Vanadium	SOP No.APAD-180, Rev. No. 00, Effective dt:18/09/14	5 µg/g to 15 µg/g
		Boron	SOP No.APAD-181, Rev. No. 00, Effective dt:18/09/14	75 µg/g to 225 µg/g
		Ascorbic Acid	SOP No.APAD-182, Rev. No. 00, Effective dt:18/09/14	20 mg to 60 mg
		Ginseng Extract powder (for Re)	SOP No.APAD-183, Rev. No. 00, Effective dt:18/09/14	0.213 mg to 0.638 mg
		Folic acid	SOP No.APAD-184, Rev. No. 00, Effective dt:18/09/14	0.075 mg to 0.225 mg

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Discipline	Chemical Testing	Issue Date	19.11.2014
Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	7 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Multi Vitamins and Minerals Tablets	Retinyl Acetate (Vit-A)	SOP No.APAD-185, Rev. No. 00, Effective dt:18/09/14	0.430 mg to 1.290 mg
		Cholecalciferol (Vit-D3)	SOP No.APAD-186, Rev. No. 00, Effective dt:18/09/14	0.0025 mg to 0.0075 mg
		Vitamin E acetate (α -Tocopheryl Acetate)	SOP No.APAD-187, Rev. No. 00, Effective dt:18/09/14	3.25 mg to 9.75 mg
		Vitamin B1 (Thiamine mononitrate)	SOP No.APAD-188, Rev. No. 00, Effective dt:18/09/14	0.50 mg to 1.50 mg
		Vitamin B2 (Riboflavin)	SOP No.APAD-189, Rev. No. 00, Effective dt:18/09/14	0.75 mg to 2.25mg
		Vitamin B3 (Niotinamide)	SOP No.APAD-190, Rev. No. 00, Effective dt:18/09/14	10 mg to 30 mg
		Vitamin B6 (Pyridoxine Hydrochloride)	SOP No.APAD-191, Rev. No. 00, Effective dt:18/09/14	0.50 mg to 1.50 mg
		Phosphorus	SOP No.APAD-192, Rev. No. 00, Effective dt:18/09/14	62.5 mg to 187.5 mg
		Iron	SOP No.APAD-193, Rev. No. 00, Effective dt:18/09/14	15.0 mg to 45 mg

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	8 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Multi Vitamins and Minerals Tablets	LOD	SOP No.APAD-194, Rev. No. 00, Effective dt:18/09/14	≤ 5.0 %
		Chloride	SOP No.APAD-194, Rev. No. 00, Effective dt:18/09/14	Qualitative
		Iodine (as Potassium Iodide)	SOP No.APAD-195, Rev. No. 00, Effective dt:18/09/14	Qualitative
		Silicon (As Colloidal Silicon Dioxide)	SOP No.APAD-196, Rev. No. 00, Effective dt:18/09/14	Qualitative
		Mercury	SOP No.APAD-197, Rev. No. 00, Effective dt:18/09/14	≤ 1.0 µg/g
		Cadmium	SOP No.APAD-198, Rev. No. 00, Effective dt:18/09/14	≤ 1.5 µg/g
		Lead	SOP No.APAD-199, Rev. No. 00, Effective dt:18/09/14	≤ 2.0 µg/g
		Arsenic	SOP No.APAD-200, Rev. No. 00, Effective dt:18/09/14	≤ 1.1 µg/g

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	9 of 12

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4.	Multi Vitamins and Minerals Capsules	Iron	SOP No. APAD-162, Rev. No. 01, Effective dt:18/09/14	8 mg to 12 mg
		Ascorbic acid	SOP No. APAD-202, Rev. No. 00, Effective dt:18/09/14	25 mg to 75 mg
		Calcium	SOP No. APAD-203, Rev. No. 00, Effective dt:18/09/14	60 mg to 90 mg
		Phosphorus	SOP No. APAD-204, Rev. No. 00, Effective dt:18/09/14	46.4 mg to 69.6 mg
		Potassium	SOP No. APAD-205, Rev. No. 00, Effective dt:18/09/14	1.6 mg to 2.4 mg
		Chromium	SOP No. APAD-206 Rev. No. 00, Effective dt:18/09/14	20 µg/g to 30 µg/g
		Vanadium	SOP No. APAD-207, Rev. No. 00, Effective dt:18/09/14	8 µg/g to 12 µg/g
		Nickel	SOP No. APAD-208, Rev. No. 00, Effective dt:18/09/14	4 µg/g to 6 µg/g
		Molybdenum	SOP No. APAD-209, Rev. No. 00, Effective dt:18/09/14	20 µg/g to 30 µg/g

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	10 of 12

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Multi Vitamins and Minerals Capsules	Boron	SOP No. APAD-210, Rev. No. 00, Effective dt:18/09/14	75 µg/g to 225 µg/g
		Selenium	SOP No. APAD-211, Rev. No. 00, Effective dt:18/09/14	24 µg/g to 36 µg/g
		Tin	SOP No. APAD-212, Rev. No. 00, Effective dt:18/09/14	8 µg/g to 12 µg/g
		Manganese	SOP No. APAD-213, Rev. No. 00, Effective dt:18/09/14	1.25 mg to 3.75 mg
		Zinc	SOP No. APAD-214, Rev. No. 00, Effective dt:18/09/14	7.5 mg to 22.5 mg
		Copper	SOP No. APAD-215, Rev. No. 00, Effective dt:18/09/14	1.60 mg to 2.40 mg
		Magnesium Oxide	SOP No. APAD-216, Rev. No. 00, Effective dt:18/09/14	20 mg to 30 mg
		Vitamin A(Retinyol Palmitate)	SOP No. APAD-217, Rev. No. 00, Effective dt:18/09/14	0.720 mg to 1.080 mg
		Vitamin B1 (Thiamine mononitrate)	SOP No. APAD-218, Rev. No. 00, Effective dt:18/09/14	0.80 mg to 1.20 mg

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	11 of 12

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	Multi Vitamins and Minerals Capsules	Vitamin B2 (Riboflavin)	SOP No. APAD-219, Rev. No. 00, Effective dt:18/09/14	1.20 mg to 1.80 mg
		Vitamin B3 (Nicotinamide)	SOP No. APAD-220, Rev. No. 00, Effective dt:18/09/14	16 mg to 24 mg
		Vitamin B6 (Pyridoxine Hydrochloride)	SOP No. APAD-221, Rev. No. 00, Effective dt:18/09/14	0.50 mg to 1.50 mg
		Folic acid	SOP No. APAD-222, Rev. No. 00, Effective dt:18/09/14	0.120 mg to 0.180 mg
		L-Lysine	SOP No. APAD-223, Rev. No. 00, Effective dt:18/09/14	20 mg to 30 mg
		Glutamic acid	SOP No. APAD-224, Rev. No. 00, Effective dt:18/09/14	80 mg to 120 mg
III.	WATER			
1.	Water (Potable and domestic)	pH	IS 14543: 2004 IS 3025 (Part 11)	1 to 14
		Total dissolved solids	IS 14543: 2004 IS 3025 (Part 16)	10 mg/L to 1000 mg/L
		Chloride	IS 14543: 2004 IS 3025 (Part 32)	1 mg/L to 500 mg/L

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Certificate Number	T-1484	Valid Until	18.11.2016
Last Amended on	-	Page	12 of 12

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	Water (Potable and domestic)	Sulphate	IS 14543: 2004 IS 3025 (Part 24)	1 mg/L to 500 mg/L
		Alkalinity	IS 14543: 2004 IS 3025 (Part 23)	1 mg/L to 500 mg/L

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