

Laboratory	Pharmaffiliates Analytics and Synthetics Pvt. Ltd., Plot No. 225, Industrial Area, Phase-II, Panchkula, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	24.05.2016
Certificate Number	T-2205	Valid Until	23.05.2018
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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.	DRUGS & PHARMACEUTICALS			
1.	Raw Materials (Common Tests) (On specific products listed at Sl. # 2)	Identification Test (by IR)	IP 2014, Add 2015 Page. 3768 to 3778, Add 2016, Page. 4122 to 4131 BP 2016, Appendix. II, Page. A163 USP 38, <193>, Page. 220	Qualitative test
		(by UV)	IP 2014, Page. 139 to 141 BP 2016, Appendix. II, Page. A170 USP 38, <201>, Page. 221	Qualitative test
		(by Chemical)	IP 2014, Page. 87 to 94 BP 2016, Appendix. VI, A267 USP 38, <191>, Page. 216 to 220	Qualitative test
		Arsenic	IP 2014, Vol. I Page. 96 BP 2016 Appendix.VII, Page. A272	Qualitative test
		Iron	IP 2014, Vol. I, Page. 97 BP 2016 Appendix. VII Page. A276 USP 38 <241>, Page. 249	Qualitative test
		Chloride	IP 2014, Vol. I, Page. 96 BP 2016 Appendix. VII Page. A273 USP 38 <221>, Page. 235	Qualitative test

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	Raw Materials (Common Tests) (On specific products listed at Sl. # 2)	Sulphate	IP 2014, Vol. I, Page. 98 BP 2016 Appendix. VII, A280 USP 38 <221>, Page. 235	Qualitative test
		Lead	IP 2014, Vol. I, Page. 97 to 98 USP 38 <251>, Page. 250 to 251	Qualitative test
		Crystallinity	IP 2014, Vol. I, Pg 226 to 228 USP 38 <695>, Page. 474	Qualitative test
		Heavy Metals	IP 2014, Vol. I, Page. 96 to 97 BP 2016, Appendix. VII, A273 USP 38 <231> Page. 24 to 243	Qualitative test
		Clarity & colour of Solution	IP 2014, Vol. I Page. 129 to 130 BP 2016 IV A,B Page.A235 USP 38 <631>, Page. 434 to 436	Qualitative test
		Acidity or Alkalinity	IP 2014 Vol. Page. 169 to 170	Qualitative test
		Unsaponifiable matter	IP 2014, Vol. I Page. 110 BP 2016 Appendix. XH, A323 USP 38<401> Page. 279 to 280	Qualitative test
		Light Absorption	IP 2014 Vol. I Page.139 to 141 USP 38<851>, Page. 641to 649	Qualitative test
		Solubility	IP 2014, Vol. I Page. 174 to 203 IP 2016 Page. 4114 to 4115	Qualitative test

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2.	INDIVIDUAL RAW MATERIAL			
a.	Aspartame	Assay (by non aqueous titration)	IP 2014 Vol. II Page.1089 to 1090	80 % to 110 %
b.	Amoxycillin Trihydrate	Assay (by HPLC)	IP 2014 Vol. II Page.1054 to 1055	80 % to 110 %
c.	Ampicillin Trihydrate	Assay (by HPLC)	IP 2014 Vol. II Page.1070 to 1071	80 % to 110 %
d.	Ascorbic Acid	Assay (by Iodometric titration)	IP 2014 Vol. II Page.1086	80 % to 110 %
e.	Betamethasone Sodium Phosphate	Assay (by UV) Free Betamethasone & other derivatives (by TLC)	IP 2014 Vol. II Page.1175 to 1177 IP 2014 Vol. II Page.1177	80 % to 110 % Qualitative test
f.	Ammonium Chloride	Assay (by Titration)	IP 2014 Vol. II Page.1049 to 1050	80 % to 110 %
g.	Boric Acid	Assay (by Titration)	IP 2014 Vol. II Page.1200	80 % to 110 %
h.	Calcium Carbonate	Assay (by Titration)	IP 2014 Vol. II Page.1248	80 % to 110 %
i.	Calcium Gluconate	Assay (by Titration)	IP 2014 Vol. II Page.1253 to 1254	80 % to 110 %
j.	Bromhexine Hydrochloride	Assay (by Potentiometric titration)	IP 2014 Vol. II Page.1202 to 1203	80 % to 110 %
k.	Dibasic Calcium Phosphate	Assay (by Titration)	IP 2014 Vol. II Page.1258 to 1259	80 % to 110 %

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Convenor

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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
l.	Clotrimazole	Assay (by Titration)	IP 2014 Vol. II Page.1442 to 1443	80 % to 110 %
m.	Cetirizine Hydrochloride	Assay (by Potentiometric Titration)	IP 2014 Vol. II Page.1339 to 1340	80 % to 110 %
n.	Chlorpheniramine Maleate	Assay (by HPLC) Related Substances (by TLC)	IP 2014 Vol. II Page.1375 to 1376 Add 2015, 2016 IP 2014 Vol. II Page.1375 to 1376	80 % to 110 % Qualitative test
o.	Cephalexin	Assay (by HPLC) Related Substances (by HPLC)	IP 2014 Vol. II Page.1333 to 1334 IP 2014 Vol. II Page.1333 to 1334	80 % to 110 % Qualitative test
p.	Cinnarizine	Assay (by non aqueous titration)	IP 2014 Vol. II Page.1397 to 1398	80 % to 110 %
q.	Citric acid Monohydrate	Assay (by Titration)	IP 2014 Vol. II Page.1410	80 % to 110 %
r.	Cyproheptadine Hydrochloride	Assay (by Titration)	IP 2014 Vol. II Page.1489 to 1490	80 % to 110 %
s.	Domperidone	Assay (by Titration)	IP 2014 Vol. II Page.1612	80 % to 110 %
t.	Dexamethasone Sodium phosphate	Assay (by HPLC)	IP 2014, Vol. II, Page. 1525 to 1526, Add 2015 Page. 3840	80 % to 110 %

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u.	Dextromethorphan Hydrobromide	Assay (by Titration) Related Substances (by HPLC)	IP 2014 Vol. II Page.1537 to 1538 IP 2015 Add Page. 3841	80 % to 110 % Qualitative
v.	Diclofenac Sodium	Assay (by Potentiometric titration) Related substances (by HPLC)	IP 2014 Vol. II Page.1550 to 1551 IP 2014 Vol. II Page.1550 to 1551	80 % to 110 % Qualitative
w.	Disodium Edetate	Assay (by Titration)	IP 2014, Vol. II Page. 1594 to 1595	80 % to 110 %
x.	Ferrous Fumarate	Assay (by Titration)	IP 2014 Vol. II Page. 1750	80 % to 110 %
y.	Glycerin	Assay (by Titration)	IP 2014 Vol. II Page. 1869 to 1870	80 % to 110 %
z.	Ibuprofen	Assay (by Titration)	IP 2014 Vol. II Page. 1941 to 1943	80 % to 110 %
aa.	Iodine	Assay (by Titration)	IP 2014 Vol. II Page. 1987 to 1988	80 % to 110 %
ab.	Metronidazole Benzoate	Assay (by Potentiometric titration)	IP 2014 Vol. II Page. 2215 to 2216	80 % to 110 %
ac.	Microcrystalline cellulose	Assay (by Titration)	IP 2014 Vol. II Page. 2229 to 2230	80 % to 110 %

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ad.	Nicotinamide	Assay (by HPLC)	IP 2014 Vol. III Page. 2332 to 2333, Add 2015 Page. 3913 to 3914, Add 2016 Page. 4224	80 % to 110 %
		Related Substances (by TLC)	IP 2014 Vol. III Page. 2332 to 2333	Qualitative test
ae.	Paracetamol	Assay (by Titration)	IP 2014 Vol. III Page.2429 to 2430	80 % to 110 %
af.	Piroxicam	Assay (by HPLC)	IP 2014 Vol. III Page.2508 to 2509	80 % to 110 %
ag.	Povidone Iodine	Assay (by Titration)	IP 2014 Vol. III Page. 2530	5 % to 15 %
ah.	Promethazine Hydrochloride	Assay (by Titration)	IP 2014 Vol. III Page.2570 to 2571	80 % to 110 %
ai.	Pseudoephedrine Hydrochloride	Assay (by Titration)	IP 2014 Vol.III Page.2592 to 2593	80 % to 110 %
aj.	Pyridoxine Hydrochloride	Assay (by Titration)	IP 2014 Vol. III Page.2600 to 2601	80 % to 110 %
ak.	Riboflavine Sodium Phosphate	Assay (by UV)	IP 2014 Vol. III Page.2657 to 2658	60 % to 90 %
al.	Riboflavine	Assay (by UV)	IP 2014 Vol. III Page. 2657	80 % to 110 %
am.	Saccharin	Assay (by Titration)	IP 2014 Vol. III Page. 2695 to 2696	80 % to 110 %

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an.	Saccharin Sodium	Assay (by Potentiometric Titration)	IP 2014 Vol. III Page. 2696 to 2697	80 % to 110 %
ao.	Salbutamol	Assay (by Potentiometric Titration)	IP 2014 Vol. III Page.2698 to 2699	80 % to 110 %
ap.	Sodium benzoate	Assay (by Titration)	IP 2014 Vol. III Page.2738	80 % to 110 %
aq.	Sodium citrate	Assay (by Titration)	IP 2014 Vol. III Page.2746 to 2747	80 % to 110 %
ar.	Sulphamethoxazo le	Assay (by Titration)	IP 2014 Vol. III Page.2808 to 2809	80 % to 110 %
as.	Thiamine Hydrochloride	Assay (by Potentiometric Titration)	IP 2014 Vol. III Page.2856 to 2857	80 % to 110 %
at.	Tinidazole	Assay (by Titration)	IP 2014 Vol. III Page.2875	80 % to 110 %
au.	Trimethoprim	Assay (by Potentiometric Titration)	IP 2014 Vol. III Page.2922 to 2923	80 % to 110 %
av.	Zinc Oxide	Assay (by Titration)	IP 2014 Vol. III Page.3010 to 3011	80 % to 110 %
aw.	Zinc Sulphate	Assay (by Titration)	IP 2014 Vol. III Page.3012 to 3013	80 % to 110 %
ax.	Estradiol Impurity	Chromatographic purity (By area normalization) By HPLC	BP 2016 Vol. I Page. I892 to 893 Protocol No. PA/MVP/16-07-0	NLT 85 %

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ay.	Fusidic Acid Impurity	Chromatographic purity (By area normalization) By HPLC	BP 2016 Vol. I, Page. I, 1060 to 1063 Protocol No. PA/MVP/16-08-0	NLT 85 %
az.	Citalopram A Impurity	Chromatographic purity (By area normalization) By HPLC	BP 2016 Vol. I, Page.I571-573 Protocol No. PA/MVP/16-09-0	NLT 85 %
3.	PHARMACEUTICAL DOSAGE FORMULATION			
a.	Amoxicillin Trihydrate Dispersible (Tablet)	Assay (by HPLC)	IP 2014 Vol. II Page.1056 to 1057	70 % to 150 %
b.	Cephalexin (Tablet)	Assay (by HPLC)	IP 2014 Vol. II Page.1336 to 1337	70 % to 150 %
c.	Diclofenac Sodium (Tablet)	Assay (by HPLC)	IP 2014 Vol. II Page.1552 to 1554	70 % to 150 %
d.	Folic Acid (Tablet)	Assay (by HPLC)	IP 2014 Vol. II Page.1822 to 1823	70 % to 150 %
e.	Metronidazole (Tablet)	Assay (by Titration)	IP 2014 Vol. II Page.2219 to 2220	70 % to 150 %
f.	Trimethoprim and sulphamethoxazol e (Tablet)	Assay (by HPLC)	IP 2014 Vol. III Page. 2924 to 2925, Add 2016 Page. 4258	70 % to 150 %
g.	Paracetamol (Tablet)	Assay (by UV)	IP 2014 Vol. III Page. 2434	70 % to 150 %

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h.	Amoxycillin (capsules)	Assay (by HPLC)	IP 2014 Vol. II Page.1055 to 1056	70 % to 150 %
i.	Ampicillin (capsules)	Assay (by HPLC)	IP 2014 Vol. II Page.1063 to 1064	70 % to 150 %
j.	Cephalexin (capsules)	Assay (by HPLC)	IP 2014 Vol. II Page.1334 to 1335	70 % to 150 %
k.	Piroxicam (capsules)	Assay (by HPLC)	IP 2014 Vol. III Page.2509 to 2510	70 % to 150 %
l.	Paracetamol (Syrup)	Assay (by HPLC)	IP 2014 Vol. III Page. 2433	70 % to 150 %
m.	Sulphamethoxazole & trimethoprim (OS)	Assay (by HPLC)	IP 2014 Vol. III Page. 2923 to 2924, Add 2016 Page. 4257 to 4258	70 % to 150 %

-X-X-X-X-X-X-X-X-X-X-X-X-