

<b>Laboratory</b>	<b>DKR Labs, Plot No. 121, IDA, Prashanthi Nagar, Kukatpally, Hyderabad, Andhra Pradesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>11.02.2014</b>
<b>Certificate Number</b>	<b>T-2833</b>	<b>Valid Until</b>	<b>10.02.2016</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
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#### **I. DRUGS & PHARMACEUTICALS**

<b>1. Raw Materials &amp; Bulk Drugs (General Tests)</b>	Description		IP 2014, Ph. Eur.8.0, 2014 USP 37, BP 2009	Qualitative
	Solubility		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	Qualitative
	Identification by UV		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	Qualitative
	Melting Range		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	30°C to 300°C
	pH		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	1 to 12
	Specific Optical Rotation		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	-200° to 200°
	Refractive Index		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	0.25 to 2.00
	Sulphated Ash/ Residue on ignition		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	0.05% to 30%
Viscosity at 25°C		IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	1.0 cps to 100000 cps	

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		Assay by Potentiometry	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	80% to 102%
		Heavy Metals	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	Qualitative
		Limit tests for chlorides	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	Qualitative
		Water (By KF)	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	0.5% to 40%
		Loss on Drying	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	0.1% to 20%
		Particle Size Analysis	IP 2014	0.02 to 2000 microns
<b>2.</b>	<b>Sodium Methyl Paraben</b>	Description	IP 2014	Qualitative
		Identification A (By IR)	IP 2014	Qualitative
		Appearance of Solution	IP 2014	Qualitative
		Related Substances by HPLC	IP 2014	Qualitative
<b>3.</b>	<b>Sodium propyl Paraben</b>	Description	IP 2014	Qualitative
		Identification A (By IR)	IP 2014	Qualitative
		Appearance of Solution	IP 2014	Qualitative
		Related Substances(By HPLC)	IP 2014	Qualitative

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<b>4.</b>	<b>Disodium EDTA</b>	Description	IP 2014	Qualitative
		Identification A (By IR) Identification B & C (By Chemical)	IP 2014	Qualitative
		Impurity A by HPLC	IP 2014	Qualitative
		Assay by Titrimetry	IP 2014	98.5% to 101.0%
<b>5.</b>	<b>Sorbitol</b>	Description	IP 2014	Qualitative
		Identification A (By HPLC) Identification B & C (By Chemical)	IP 2014	Qualitative
		Appearance of Solution	IP 2014	Qualitative
		Acidity or Alkalinity	IP 2014	Qualitative
		Related substances by HPLC	IP 2014	Qualitative
		Reducing sugars by Titrimetry	IP 2014	0.1% to 0.4%
		Assay by HPLC	IP 2014	98% to 101%

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6.	Mannitol	Description	IP 2014	Qualitative
		Identification A(By IR), Identification B & C (By Chemical)	IP 2014	Qualitative
		Appearance of Solution	IP 2014	Qualitative
		Acidity or Alkalinity	IP 2014	Qualitative
		Reducing sugars by Titrimetry	IP 2014	0.1% to 0.4%
		Sorbitol by TLC	IP 2014	Qualitative
		Assay by HPLC	IP 2014	98.0% to 102.0%
7.	Paracetamol	Description	IP 2014	Qualitative
		Identification A by IR, Identification C by Chemical Identification A by IR	IP 2014	Qualitative
		Related substances by HPLC (Total impurities)	IP 2014	Qualitative
		Assay by Titrimetry	IP 2014	99.0% to 101.0%

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<b>8.</b>	<b>Ibuprofen</b>	Description	IP 2014	Qualitative
		Identification A by IR, Identification C by TLC	IP 2014	Qualitative
		Appearance of Solution	IP 2014	Qualitative
		Related substances by HPLC	IP 2014	Qualitative
		Assay by titrimetry	IP 2014	98.5% to 101.0%
<b>9.</b>	<b>Niacinamide</b>	Identification A by IR	USP-37	Qualitative
		Readily carbonizable substances	USP-37	Qualitative
		Assay by HPLC	USP-37	98.5% to 101.5%
<b>10.</b>	<b>Pyridoxine HCl</b>	Description	IP 2014	Qualitative
		Identification A by IR Identification C by TLC Identification D by chemical	IP 2014	Qualitative
		Appearance of solution	IP 2014	Qualitative
		Assay by Titrimetry	IP 2014	99.0% to 101.0%

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<b>11.</b>	<b>Cyanocobalamin</b>	Description	IP 2014	Qualitative
		Identification B by TLC, Identification C by chemical	IP 2014	Qualitative
		Related substances by HPLC	IP 2014	Qualitative
		Assay by UV	IP 2014	96.0% to 102.0%
<b>12.</b>	<b>Nebivolol Hcl</b>	Palladium(Pd) by ICP-OES	ICP-MVP-004/2011	0.1 ppm to 100 ppm
<b>13.</b>	<b>Montelukast Sodium</b>	Palladium(Pd) by ICP-OES	ICP-MVP-005/2011	0.1 ppm to 100 ppm
<b>14.</b>	<b>Fosaprepitant Dimeglumine</b>	Palladium(Pd) by ICP-OES	ICP-MVP-008/2011	0.3 ppm to 100 ppm
<b>15.</b>	<b>Voriconazole</b>	Lithium(Li) by ICP-OES	ICP-MVP-029/2012	0.1 ppm to 200 ppm
		Nickel(Ni) by ICP-OES		0.15 ppm to 100 ppm
		Palladium(Pd) by ICP-OES		0.12 ppm to 100 ppm
<b>16.</b>	<b>Capsules General Tests</b>	Description	IP 2014, Ph. Eur.8.0, 2014 USP 37, BP 2014	Qualitative
		Tablet Disintegration	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	1 min to 60 min

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<b>17.</b>	<b>Omeprazole Capsules</b>	Identification by HPLC	IP 2014	Qualitative
		Dissolution	IP 2014	Qualitative
		Uniformity of content by HPLC	IP 2014	Qualitative
		Assay by HPLC	IP 2014	80% to 120.0%
<b>18.</b>	<b>Tablets General Tests</b>	Description	IP 2014, Ph. Eur.8.0, 2014 USP 37, BP 2014	Qualitative
		Tablet Disintegration	IP 2014, Ph. Eur.8.0, 2014, USP 37, BP 2014	1 min to 60 min
<b>19.</b>	<b>Folic acid tablets</b>	Identification A by TLC, Identification B by Chemical	IP 2014	Qualitative
		Hydrolysis products by HPLC	IP 2014	Qualitative
		Uniformity of content by HPLC	IP 2014	40% to 140%
		Assay by HPLC	IP 2014	90.0% to 115.0%
<b>20.</b>	<b>Liquid Orals General Tests</b>	Description	IP 2014, Ph. Eur.8.0, 2014 USP 37, BP 2014	Qualitative
		Viscosity	IP 2014	1 cps to 100000 cps

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21.	Paracetamol Syrup	Identification A by TLC, Identification B by HPLC	IP 2014	Qualitative
		4-Aminophenol by HPLC	IP 2014	Qualitative
		Assay by HPLC	IP 2014	90.0% to 110.0%

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