

Rawpharma Biz Private Limited
1101, City Center 2,
Science City Road, Sola,
Ahmedabad,
Gujarat - 380060

Certificate of Analysis

Product Name : Paracetamol IP

Sr.No.	TESTS	OBSERVATIONS	SPECIFICATION
1	Description	White crystalline powder.	White crystals or a white, crystalline powder.
2	Solubility	Complies	Freely soluble in ethanol (95%) and in acetone, sparingly soluble in water, very slightly soluble in dichloro - methane and in ether.
D)	Reaction of acetyl groups	Complies	After 2 minutes, a blue colour develops at the junction of the two drops & the colour intensifies and persist for a short time.
3	Identification	.	.
B)	U.V. Absorbance	0.440	The absorbance at the maximum at about 249 nm, about 0.44.
C)	Chemical Reaction	Complies	A violet colour develops which does not turn red.
4	Related substances By HPLC	.	.
a)	Impurity J (chloroacetanilide)	6.9 ppm	NMT - 10 ppm
b)	Impurity K (4 - aminophenol)	2.3 ppm	NMT - 50 ppm
c)	Impurity F (4 - nitrophenol)	0.007%	NMT – 0.05 %
d)	Any Other impurity	Not Detected	NMT - 0.05 %
e)	Total of other impurities	Not Detected	NMT - 0.1 %
5	Heavy metals	Complies	Not more than 10 ppm
6	Sulphated Ash	0.036%	Not more than 0.1 %
7	Loss on drying (at 105°C)	0.15%	Not more than 0.5 %
8	Assay	99.86%	Not less than 99.0% and Not more than 101.0% C ₈ H ₉ NO ₂ on dried basis.
OPINION : The above sample Complies with IHTM & IP Specification.			

Note : All the Specifications are Based on Manufacturer COA