

Paracetamol

Product name	Paracetamol		
Product chemical information	Molecular Formula:	C8H9NO2	
	Molecular Weight:	151.16	
	Chemical Name:	Paracetamol(4-Acetamidophenol)	
	CAS No:	103-90-2	
	Items	Standard (USP30/BP2008)	Test Result
Specification	Appearance	A white crystalline powder	Conform
	Identification	Positive	Conform
	Melting range	168-172	169.2-170.1
	Water	≤ 0.5%	0.10%
	Related substance	Impurity J(chloroacetanilide)≤10ppm	4ppm
		Impurity K(4-aminophenol)≤50ppm	6ppm
		Impurity F(4-nitrophenol)≤0.05%	0.02%
		Any other impurity ≤0.05%	0.03%
		Total of other impurity ≤0.1%	0.05%
	Residue on ignition	≤ 0.1%	0.08%
	Chloride	≤ 0.014%	0.01%
	Sulfate	≤ 0.02%	0.02%
	Sulfide	Conforms	Conforms
	Heavy metals	≤ 0.001%	0.00%
	Free p-aminophenol	≤ 0.005%	0.01%
	Limit of p-chloroacetanilide	≤ 0.001%	0.00%
Assay	99.0%-101.0%	99.40%	
Readily carbonizable substances	Conforms	Conforms	
Organic volatile impurities	Conforms	Conforms	
Handling and Storage recommendations:	The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.		
	Shelf life: 24 Month.		
Package:	25kg/drum,25kg woven plastic bag .		

