

Product Specifications

CAS No: 56-95-1

SR NO.	PARAMETER	SPECIFICATION
1	Description	White to almost white powder
2	Solubility	Sparingly soluble in water, soluble in water (96%), slightly soluble in glycerol and in propylene glycol.
3	Identification	
	A. by IR Spectrum	Compare with Standard
	B. Cetrimide test	A deep red colour must be produced
	C. Melting point	Between 132 to 136° C
	D. Reaction of acetate	To be comply
4	Loss on drying @105° C	Not more than 3.5% w/w
5	Sulphate Ash	Note more than 0.15%
6	4-Chloroaniline (Impurity P)	Not more than 500 ppm
7	Related Substances By HPLC	
	Impurities A	N.M.T 0.15%
	Impurities H	N.M.T 0.15%
	Impurities N	N.M.T 0.15%
	Impurities I+O	N.M.T. 0.4%
	Impurities K	N.M.T. 0.3%
	Unspecified impurities	N.M.T. 0.10%
Total impurities	N.M.T. 0.8%	
8	Assay by titration (On Dried Basis)	Between 98.0% to 101.0%w/w

Chlorhexidine Acetate USP