

# Product Specifications

CAS No: 55-56-1

SR NO.	TEST	SPECIFICATION
1	Description	White to almost white powder
2	Identification by IR spectrum	Compare with Standard
3	Melting point	132 to 136° C
4	Loss on drying	Less than 0.5% w/w
5	Sulphate Ash	Less than 0.1%
6	4-Chloroaniline	Not more than 100 ppm
7	<b>Related Substances By HPLC</b>	
	Impurities G	N.M.T 0.3%
	Impurities L	N.M.T 0.2%
	Impurities Q	N.M.T 0.2%
	Impurities N	N.M.T 1.0%
	Impurities B	N.M.T 0.2%
	Impurities F	N.M.T 0.2%
	Impurities A	N.M.T 0.4%
	Impurities H	N.M.T 0.5%
	Impurities O + 1	N.M.T 0.4%
	Impurities J	N.M.T 0.4%
	Impurities K	N.M.T 0.4%
	Unspecified impurities	N.M.T. 0.1%
Total impurity	N.M.T. 3.0%	
8	Assay by titration (On Dried Basis)	Not less than 98.0% w/w

Chlorhexidine Base