

# Product Specifications

CAS No: 55-56-1

Sr. No	Test	Specifications
1	Description	Almost colorless or pale yellow liquid
2	Solubility	Miscible with water, with NMT 3 parts of acetone and with NMT 5 parts of ethanol (96%)
3	Identification	The principal spot in the chromatogram obtained with the test solution should be similar in position, color & size to the principal spot in the Chromatogram obtained with the reference solution.
	Melting range test	Residue melt at 132 °C to 136 °C
	Cetrimide test	A deep red color is produced
4	Relative Density	between 1.06-1.07
5	pH(5% v/v solution in water)	between 5.5 - 7.0
6	p-Chloraniline content	NMT 500 ppm
7	Related substance (by HPLC)	
	Impurities G	NMT 0.3%
	Impurities L	NMT 0.2%
	Impurities Q	NMT 0.2%
	Impurities N	NMT 1.0%
	Impurities B	NMT 0.2%
	Impurities F	NMT 0.2%
	Impurities A	NMT 0.4%
	Impurities O+I	NMT 0.4%
	Impurities J	NMT 0.4%
	Impurities K	NMT 0.4%
	Impurities H	NMT 0.5%
	Unspecified impurities	NMT 0.1%
	Total Impurity	NMT 3.0%
8	Assay (by potentiometric)	NLT 190 g/l & NMT 210 g/l