

Product Specifications

CAS No: 6004-24-6

SR NO.	TEST	SPECIFICATION
1	Appearance	White to almost white powder
2	Identification	
	A. by IR	IR spectrum of sample should be concordant with that of Cetyl pyridinium choride working standard.
	B. by UV	The UV absorption spectra of the sample solution and the standard solution should exhibit maxima and minima at the same wavelengths.
	C. Test for Chloride	Turbidity is produced rather than a curdy white precipitate.
3	Melting range	80°C - 84°C
4	Acidity	Not more than 2.5ml of 0.02M sodium hydroxide is required for neutralization.
5	Water content (by KF)	4.5% to 5.5%
6	Residue on ignition	Not more than 0.2% calculated on anhydrous basis.
7	Heavy metals	Not more than 0.002%
8	Pyridine	The odor of pyridine is not immediately perceptible.
9	Assay	99.0% to 102.0% calculated on anhydrous basis.