

Certificate of Analysis

Product Name: Cetyltrimethyl Ammonium Chloride (CTAC)
Batch No.: CT4990450
Date of Manufacturing: JAN 2024

Sr. No.	Description	Standards	Results
1.	Appearance (Colour)	White	White
2.	Appearance (Form)	Crystalline powder	Crystalline powder
3.	Solubility (Turbidity) 10% aq. solution	Clear	Clear
4.	Solubility (Colour) 10% aq. solution	Colourless	Colourless
5.	pH (5% aq. Solution)	4.0 - 7.5	6.3
6.	Assay (NT)	Min. 99%	99.8%
7.	Melting point	232 - 237°C	233°C
8.	Loss on drying	Max. 1%	0.03%
9.	Sulphate (SO ₄)	Max. 0.01%	Passes
10.	Iron (Fe)	Max. 0.001%	Passes
11.	Heavy metals (Pb)	Max. 0.001%	Passes

This Certificate is generated and controlled by electronic means. No Signature Required.

