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Certificate of Analysis

Product	66302 - Cetyltrimethyl Ammonium Bromide (CTAB) extrapure AR, 99% - [57-09-0]
Batch No	5449875
Analysis Date	05-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
Molecular Formula	C19H42BrN
Molecular Weight	364.45

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% hot aq. solution	Clear	Clear
Solubility (Colour) 5% hot aq. solution	Colourless	Colourless
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless	Colourless
Assay (NT)	min. 99%	99.7%
pH (0.1M aq. solution)	5.0 - 7.0	5.6
Loss on drying	max. 1.0%	0.6%
Sulphate (SO4)	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes

FRM/82/11/4/66302 Rev No. 4 Date 01/03/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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