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Certificate of Analysis

Product

**59771 - Cetyltrimethyl Ammonium Bromide (CTAB)
extrapure AR, ExiPlus, Multi-Compendial, 99% -
[57-09-0]**

Batch No

8369646

Analysis Date

29-Dec-2022

Date of Manufacture

December 2022

Expiry Date/Re-Test Date

December 2027

Molecular Formula

C₁₉H₄₂BrN

Molecular Weight

364.45

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
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%	99.8%
pH (0.1M aq. solution)	5.0 - 7.0	5.1
Loss on drying	max. 1%	0.39%
Sulphate (SO ₄)	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes

FRM/82/11/4/59771 Rev No. 3 Date 01/03/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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