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Certificate of Analysis

| | |
|---------------------------------|---|
| Product | 66302 - Cetyltrimethyl Ammonium Bromide (CTAB) extrapure AR, 99% - [57-09-0] |
| Batch No | 7564986 |
| Analysis Date | 22-Mar-2024 |
| Date of Manufacture | March 2024 |
| Expiry Date/Re-Test Date | March 2029 |
| Molecular Formula | C ₁₉ H ₄₂ BrN |
| 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% | 99.8% |
| pH (0.1M aq. solution) | 5.0 - 7.0 | 5.1 |
| Loss on drying | max. 1.0% | 0.2% |
| Sulphate (SO ₄) | max. 0.02% | Passes |
| Iron (Fe) | max. 0.001% | Passes |

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

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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