

Certificate of Analysis

Date of Testing: 2023-03-04 16:09:11
Date of Next Testing: 2025-02-21 16:09:11
Product Name: **Hexadecyl trimethyl ammonium bromide**
CAS Number: 57-09-0
Specifications & Purity: for molecular biology, $\geq 99\%$
Lot #: B2328553
SKU #: **H108985**
Analysis: **189029**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(Titration by HClO ₄) | 99-101 (%) | 100.85 % |
| Purity(Titration by AgNO ₃) | 99-102.5 (%) | 99.45 % |
| Appearance (H108985) | white powder | White powder |
| DNA precipitation test | pass | Pass |
| DNase Detection | none detected | none detected |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| RNases | none detected | none detected |
| Solubility in H ₂ O , Clear to Slightly Hazy (1 g + 10 mL, H ₂ O) | pass | Pass |



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