

## Certificate of Analysis

Date of Testing: 2023-11-06 15:41:19  
Date of Next Testing: 2025-10-26 15:41:19  
Product Name: **Ethylhexadecyldimethylammonium bromide**  
CAS Number: 124-03-8  
Specifications & Purity: 98%  
Lot #: B2209049  
SKU #: **E111745**  
**Analysis: 292505**  
Storage Temperature: Store at 2-8°C

| Parameter  | Limit Values            | Result                  |
|--|-------------------------|-------------------------|
| Melting point                                    | 198-214 (°C)            | 204.40000 °C            |
| Purity(Titration by AgNO3)                       | 98-102.5 (%)            | 98.01 %                 |
| Appearance (E111745)                             | White Powder and Chunks | White Powder and Chunks |
| Proton NMR spectrum                              | Conforms to Structure   | Conforms to Structure   |
| Solubility in H2O , Colorless,Clear,50 mg/ml H2O | pass                    | Pass                    |



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