

## Certificate of Analysis

Date of Testing: 2022-02-08 16:36:59  
Date of Next Testing: 2026-02-07 16:36:59  
Product Name: **Didecyldimethylammonium bromide**  
CAS Number: 2390-68-3  
Specifications & Purity: 80% in ETOH  
Lot #: A2225113  
SKU #: **D140115**  
Version: **0**  
Analysis #: **062713**

| Parameter            | Limit Values                     | Result                           |
|----------------------|----------------------------------|----------------------------------|
| Free amine           | 0-2 (%)                          | 1.89 %                           |
| Active Content       | 78-85 (%)                        | 80.51 %                          |
| Appearance (D140115) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum  | Conforms to Structure            | Conforms to Structure            |



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QA & QC Manager