

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2026-07-22 14:44:40  
Date of Next Testing: 2028-07-11 14:44:40  
Product Name: **Myristyltrimethylammonium bromide**  
CAS Number: 1119-97-7  
Specifications & Purity: for ion pair chromatography, ≥99%(AT)  
Lot #: G1901159  
SKU #: **M100353**  
Version: **0**  
Analysis #: **739262**  
Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| UV Absorbance 260nm(10 % in H <sub>2</sub> O)   | 0-0.04                | 0.03000               |
| UV Absorbance 240nm A(10 % in H <sub>2</sub> O) | 0-0.08                | 0.01000               |
| UV Absorbance 250nm A(10 % in H <sub>2</sub> O) | 0-0.05                | 0.00300               |
| UV Absorbance 500nm(10 % in H <sub>2</sub> O)   | 0-0.02                | 0.00200               |
| Purity (Argentmetric Titration)                 | 99-102.5 (%)          | 99.05100 %            |
| Melting point                                   | 245-250 (°C)          | 246.00000 °C          |
| Appearance (M100353)                            | White powder          | White powder          |
| Proton NMR spectrum                             | Conforms to Structure | Conforms to Structure |

