

## Certificate of Analysis

Date of Testing: 2023-08-08 15:46:58  
Date of Next Testing: 2025-07-28 15:46:58  
Product Name: **Myristyltrimethylammonium bromide**  
CAS Number: 1119-97-7  
Specifications & Purity: for ion chromatography ,  $\geq 99.0\%$  (AT)  
Lot #: H2304295  
SKU #: **M100353**  
**Analysis:** **245297**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 260nm(10 % in H <sub>2</sub> O)	0-0.04	0.02
UV Absorbance 240nm A(10 % in H <sub>2</sub> O)	0-0.08	0.02
UV Absorbance 250nm A(10 % in H <sub>2</sub> O)	0-0.05	0.02
UV Absorbance 500nm(10 % in H <sub>2</sub> O)	0-0.02	0.01
Purity (Argentmetric Titration)	99-102.5 (%)	99.42 %
Melting point	245-250 (°C)	249.93000 °C
Appearance (M100353)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager