

## Certificate of Analysis

Date of Testing: 2022-10-13 17:14:56  
Date of Next Testing: 2024-10-02 17:14:56  
Product Name: **Hexadecyl trimethyl ammonium bromide**  
CAS Number: 57-09-0  
Specifications & Purity: for molecular biology,  $\geq 99\%$   
Lot #: J2209329  
SKU #: **H108985**  
**Analysis: 116002**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	100.03 %
Purity(Titration by AgNO <sub>3</sub> )	99-102.5 (%)	102.49 %
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 <sub>2</sub> O , Clear to Slightly Hazy (1 g + 10 mL, H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager