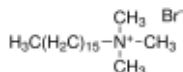


Certificate of Analysis

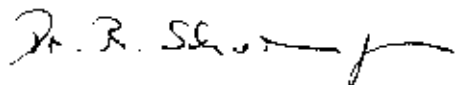
Product Name:

Hexadecyltrimethylammonium bromide - for molecular biology, ≥99%

Product Number: H6269
Batch Number: BCCM9667
Brand: SIGMA
CAS Number: 57-09-0
Formula: C₁₉H₄₂N.Br
Formula Weight: 364,45 g/mol
Quality Release Date: 12 MAR 2025
Recommended Retest Date: JAN 2032



Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Powder or Crystals	Powder
Titration with HClO ₄ > = 99%	99 - 102 %	100 %
Purity (TLC)	≥ 99 %	100 %
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity) 1 g in 10 ml Water	Clear to Slightly Hazy	Clear
¹ H NMR Spectrum	Conforms to Structure	Conforms
DNase Detection	None Detected	None Detected
Miscellaneous Assay Suitable for Use in DNA Precipitation	Corresponds to Requirements	Corresponds
RNase Detection	None Detected	None Detected
Nickase	None Detected	None Detected



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

