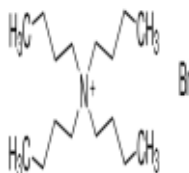


Certificate of Analysis

Product Name:

Tetrabutylammonium bromide - suitable for ion pair chromatography, LiChropur™, ≥99.0%

Product Number: 86857
Batch Number: BCCG5251
Brand: SIAL
CAS Number: 1643-19-2
Formula: C₁₆H₃₆BrN
Formula Weight: 322,37 g/mol
Quality Release Date: 30 SEP 2021
Recommended Retest Date: MAR 2025



Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Powder or Crystals	Crystals
Titration with AgNO ₃	≥ 99.0 %	99.4 %
Melting Point	102 - 106 °C	104 °C
¹ H NMR Spectrum	Conforms to Structure	Conforms
Absorbance	≤ 0.04	0.02
UV-Absorption at 240 nm		
Absorbance	≤ 0.03	0.01
UV-Absorption at 250 nm		
Absorbance	≤ 0.02	0.01
UV-Absorption at 260 nm		
Absorbance	≤ 0.02	< 0.01
UV-Absorption at 500 nm		
Cyclic Voltammogram	Corresponds to Standard	Corresponds
Filtered	No Residue	No Residue
(Filter Test) 3 g in 30 ml Water		

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.

