

Certificate of Analysis

Product Name:

Tetrabutylammonium hydroxide 30-hydrate - ≥98.0% (T)

Product Number: 86866
Batch Number: BCCN0170
Brand: SIAL
CAS Number: 147741-30-8
Formula: C₁₆H₃₇NO · 30H₂O
Formula Weight: 799,93 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 15 APR 2025



Test	Specification	Result
Appearance (Color)	Colorless or White	Colorless
Appearance (Form)	Powder or Crystals or Solid or Chunks	Crystals with Chunk(s)
Titration with HCl	98.0 - 102.0 %	99.9 %
¹ H NMR Spectrum	Conforms to Structure	Conforms
Bromide	≤ 1000 mg/kg	< 1000 mg/kg
Sulfate (SO ₄)	≤ 1000 mg/kg	< 1000 mg/kg

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.

