

## Certificate of Analysis

Product Name:

Tetrabutylammonium hydroxide 30-hydrate -  $\geq 98.0\%$  (T)

**Product Number:** 86866  
**Batch Number:** BCCL4137  
**Brand:** SIAL  
**CAS Number:** 147741-30-8  
**Formula:**  $C_{16}H_{37}NO \cdot 30H_2O$   
**Formula Weight:** 799,93 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 01 MAR 2024



Test	Specification	Result
Appearance (Color)	Colorless or White	Colorless
Appearance (Form)	Powder or Crystals or Solid or Chunks	Solid
Titration with HCl	98.0 - 102.0 %	100.4 %
$^1H$ NMR Spectrum	Conforms to Structure	Conforms
Bromide	$\leq 1000$ mg/kg	$< 1000$ mg/kg
Sulfate ( $SO_4$ )	$\leq 1000$ 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](http://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.

