

## Certificate of Analysis

Date of Testing: 2023-02-15 15:00:46  
Date of Next Testing: 2025-02-14 15:00:46  
Product Name: **Tetrabutylammonium hydrogen sulfate**  
CAS Number: 32503-27-8  
Specifications & Purity: 98%  
Lot #: B2307890  
SKU #: **T105645**  
Version: **1**  
Analysis #: **177081**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.19%
Melting point	170-175 (°C)	173.10000 °C
Appearance (T105645)	White Powder or Crystals	White Powder or Crystals
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager