

## Certificate of Analysis

Date of Testing: 2022-12-12 16:46:15  
Date of Next Testing: 2026-12-11 16:46:15  
Product Name: **Tetramethylammonium sulfate**  
CAS Number: 14190-16-0  
Specifications & Purity: 98%  
Lot #: D1523035  
SKU #: **T122412**  
**Analysis:** **166762**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.35 %
Water by Karl Fischer	0-30 (%)	19.30 %
Appearance (T122412)	White Powder and Chunks	White Powder and Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager