

## Certificate of Analysis

Date of Testing: 2023-08-09 15:52:31  
Date of Next Testing: 2027-08-08 15:52:31  
Product Name: **Tetramethylammoniumbisulfate hydrate**  
CAS Number: 80526-82-5  
Specifications & Purity: for ion chromatography,  $\geq 99.0\%$ (T)  
Lot #: G2322806  
SKU #: **T102977**  
Analysis: **248040**

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H <sub>2</sub> O)	0-0.04	0.00
UV Absorbance 260nm(10 % in H <sub>2</sub> O)	0-0.02	0.00
UV Absorbance 500nm(10 % in H <sub>2</sub> O)	0-0.02	0.00
UV Absorbance 230nm(10 % in H <sub>2</sub> O)	0-0.03	0.00
Purity By Titration(dry basis)	98.5-101.5 (%)	99.22 %
UV Absorbance 210nm(10 % in H <sub>2</sub> O)	0-0.05	0.00
Filtration test	corresponds to standard	corresponds to standard
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
RP gradient test	pass test	pass test



John Su  
QA & QC Manager