

## Certificate of Analysis

Date of Testing: 2022-06-20 15:47:27  
Date of Next Testing: 2026-06-19 15:47:27  
Product Name: **Tetramethylammoniumbisulfate hydrate**  
CAS Number: 80526-82-5  
Specifications & Purity: for ion chromatography,  $\geq 99.0\%$ (T)  
Lot #: H1820021  
SKU #: **T102977**  
Analysis: **103080**

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H2O)	0-0.04	0.03
UV Absorbance 260nm(10 % in H2O)	0-0.02	0.01
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 230nm(10 % in H2O)	0-0.03	0.02
Purity By Titration(dry basis)	98.5-101.5 (%)	98.73 %
UV Absorbance 210nm(10 % in H2O)	0-0.05	0.04
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