

Certificate of Analysis

Date of Testing: 2022-05-13 15:48:58
Date of Next Testing: 2026-05-12 15:48:58
Product Name: **Tetramethylammoniumbisulfate hydrate**
CAS Number: 80526-82-5
Specifications & Purity: for ion chromatography, $\geq 99.0\%$ (T)
Lot #: G1809053
SKU #: **T102977**
Analysis: **090652**

Parameter	Limit Values	Result
UV Absorbance 220nm(10 % in H ₂ O)	0-0.04	0.02
UV Absorbance 260nm(10 % in H ₂ O)	0-0.02	0.01
UV Absorbance 500nm(10 % in H ₂ O)	0-0.02	0.01
UV Absorbance 230nm(10 % in H ₂ O)	0-0.03	0.02
Purity By Titration(dry basis)	98.5-101.5 (%)	99.40 %
UV Absorbance 210nm(10 % in H ₂ O)	0-0.05	0.02
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