

Certificate of Analysis

Date of Testing: 2023-10-10 14:13:31

Date of Next Testing: 2027-10-09 14:13:31

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: spectrographic grade, $\geq 99.5\%$

Lot #: I2328099

SKU #: **T103260**

Analysis: **270444**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
Refractive index n _{20/D}	1.4065-1.4075	1.41
Purity(GC)	99.5-100 (%)	99.97 %
UV Absorbance 250nm	0-0.18	0.04
UV Absorbance 400nm	0-0.005	0.00
Water by Karl Fischer	0-0.02 (%)	0.01 %
UV Absorbance 212nm	0-1	0.44
UV Absorbance 300nm	0-0.02	0.00
UV Absorbance 350nm	0-0.005	0.00
Peroxides at Time of Packaging	0-0.015 (%)	0.01 %
Appearance (T103260)	transparent liquid	Transparent Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
UV Cutoff	212 nm	212 nm
λ , H ₂ O reference	Pass	Pass



John Su
QA & QC Manager