

Certificate of Analysis

Date of Testing: 2024-08-31 15:57:23

Date of Next Testing: 2028-08-30 15:57:23

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: spectrographic grade, ≥99.5%

Lot #: H2429173

SKU #: **T103260**

Version: **0**

Analysis #: **401881**

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 (%)	99.99%
UV Absorbance 250nm	0-0.18	0.06
UV Absorbance 400nm	0-0.005	0.00
UV Absorbance 212nm	0-1	0.42
UV Absorbance 300nm	0-0.02	0.00
UV Absorbance 350nm	0-0.005	0.00
Peroxides at Time of Packaging	0-0.015 (%)	0.00%
Water by Karl Fischer	0-0.02 (%)	0.02%
Appearance (T103260)	transparent liquid	Transparent Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ, H ₂ O reference	Pass	Pass
UV Cutoff	212 nm	212 nm



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager