

Certificate of Analysis

Date of Testing: 2023-01-12 11:17:51

Date of Next Testing: 2025-01-11 11:17:51

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: Chromatographic grade, ≥99.9%, no stabilizer

Lot #: A2305780

SKU #: **T407518**

Analysis: **177894**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.92 %
free acid (as CH ₃ COOH)	0-0.002 (%)	0.00 %
Water by Karl Fischer	0-0.05 (%)	0.01 %
Ignition Residue	0-0.0005 (%)	0.00 %
Peroxide(as H ₂ O ₂)	0-0.05 (%)	0.04 %
Refractive index n ₂₀ /D	1.405-1.409	1.41
UV Absorbance 212nm	0-1	0.81
UV Absorbance 245nm	0-0.26	0.26
UV Absorbance 250nm	0-0.18	0.18
UV Absorbance 275nm	0-0.046	0.04
UV Absorbance 300nm	0-0.02	0.00
UV Absorbance 315nm	0-0.0044	0.00
UV Absorbance 350nm	0-0.005	0.00
UV Absorbance 400nm	0-0.005	0.00
Appearance(T407518)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager