

Certificate of Analysis

Date of Testing: 2022-12-12 13:37:29

Date of Next Testing: 2024-12-11 13:37:29

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

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

Lot #: L2208020

SKU #: **T407518**

Analysis: **132087**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.95 %
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 (%)	0.02 %
Refractive index n ₂₀ /D	1.405-1.409	1.41
UV Absorbance 212nm	0-1	0.39
UV Absorbance 245nm	0-0.26	0.10
UV Absorbance 250nm	0-0.18	0.08
UV Absorbance 275nm	0-0.046	0.01
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

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager