

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-05 13:58:02  
 Date of Next Testing: 2029-06-04 13:58:02  
 Product Name: **Tetrahydrofuran(THF)**  
 CAS Number: 109-99-9  
 Specifications & Purity: PureSpectra™, Spectrum pure, ≥99.5%  
 Lot #: E2529476  
 SKU #: **T103260**  
 Version: **0**  
 Analysis #: **515706**  
 Storage Temperature: Protected from light, Room temperature, Argon charged, Cool

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Evaporation Residue                | 0-0.0005 (mg/L)       | 0.00000 mg/L          |
| Refractive index n <sub>20/D</sub> | 1.4065-1.4075         | 1.40730               |
| Purity(GC)                         | 99.5-100 (%)          | 99.96500 %            |
| Absorbance (at 250 nm)             | 0-0.18                | 0.11000               |
| UV Absorbance 400nm                | 0-0.005               | 0.00000               |
| Water by Karl Fischer              | 0-0.02 (%)            | 0.01290 %             |
| UV Absorbance 212nm                | 0-1                   | 0.44100               |
| UV Absorbance 300nm                | 0-0.02                | 0.01300               |
| UV Absorbance 350nm                | 0-0.005               | 0.00000               |
| Peroxides at Time of Packaging     | 0-0.015 (%)           | 0.00520 %             |
| Appearance (T103260)               | transparent liquid    | Transparent Liquid    |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |
| λ, H <sub>2</sub> O reference      | Pass                  | Pass                  |
| UV Cutoff                          | 212 nm                | 212 nm                |



QualityAssurance@aladdinsci.com

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager