

Certificate of Analysis

Date of Testing: 2023-02-24 15:41:53
 Date of Next Testing: 2025-02-23 15:41:53
 Product Name: **Tetrahydrofuran**
 CAS Number: 109-99-9
 Specifications & Purity: Chromatographic grade, ≥99.9%, no stabilizer
 Lot #: B2323466
 SKU #: **T407518**
Analysis: **183677**
 Storage Temperature: Protected from light, Argon charged

| Parameter | Limit Values | Result |
|---------------------------------------------|-----------------------|-----------------------|
| Purity(GC) | 99.9-100 (%) | 99.97 % |
| 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 | 0.34 |
| UV Absorbance 245nm | 0-0.26 | 0.10 |
| UV Absorbance 250nm | 0-0.18 | 0.08 |
| UV Absorbance 275nm | 0-0.046 | 0.02 |
| 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 |



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

John Su
QA & QC Manager