

## Certificate of Analysis

Date of Testing: 2023-09-01 10:43:29

Date of Next Testing: 2027-08-31 10:43:29

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: spectrographic grade, ≥99.5%

Lot #: H2324665

SKU #: **T103260**

**Analysis:** **265823**

Storage Temperature: Argon charged

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Evaporation Residue                | 0-0.0005 (mg/L)       | 0.00 mg/L             |
| Refractive index n <sub>20/D</sub> | 1.4065-1.4075         | 1.41                  |
| Purity(GC)                         | 99.5-100 (%)          | 99.99 %               |
| UV Absorbance 250nm                | 0-0.18                | 0.07                  |
| UV Absorbance 400nm                | 0-0.005               | 0.00                  |
| Water by Karl Fischer              | 0-0.02 (%)            | 0.01 %                |
| UV Absorbance 212nm                | 0-1                   | 0.41                  |
| UV Absorbance 300nm                | 0-0.02                | 0.01                  |
| UV Absorbance 350nm                | 0-0.005               | 0.01                  |
| Peroxides at Time of Packaging     | 0-0.015 (%)           | 0.01 %                |
| Appearance (T103260)               | transparent liquid    | Transparent Liquid    |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |
| UV Cutoff                          | 212 nm                | 212 nm                |
| λ, H <sub>2</sub> O reference      | Pass                  | Pass                  |



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