

## Certificate of Analysis

Date of Testing: 2023-03-09 18:46:43

Date of Next Testing: 2027-03-08 18:46:43

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: anhydrous, contains 250 ppm BHT as inhibitor,  $\geq 99.9\%$

Lot #: C2304031

SKU #: **T120775**

**Analysis:** **191630**

Storage Temperature: Argon charged

| Parameter                          | Limit Values                   | Result                         |
|------------------------------------|--------------------------------|--------------------------------|
| Peroxides                          | 0-20 (ppm)                     | 2.21 ppm                       |
| Refractive index n <sub>20/D</sub> | 1.405-1.409                    | 1.41                           |
| Purity(GC)                         | 99.9-100 (%)                   | 99.94 %                        |
| Evaporation Residue                | 0-0.0005 (mg/L)                | 0.00 mg/L                      |
| Water by Karl Fischer              | 0-0.002 (%)                    | 0.00 %                         |
| Appearance (T120775)               | Colorless Liquid               | Colorless liquid               |
| Infrared spectrum                  | Conforms to Structure          | Conforms to Structure          |
| Stability (250 ppm)                | contains approximately 250 ppm | contains approximately 250 ppm |



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