

## Certificate of Analysis

Date of Testing: 2023-06-21 10:38:53  
Date of Next Testing: 2027-06-20 10:38:53  
Product Name: **Tetrahydrofuran**  
CAS Number: 109-99-9  
Specifications & Purity: Analytical Reagent, 99.0% (with 250 ppm BHT stabilizer)  
Lot #: F23171063  
SKU #: **T103263**  
**Analysis:** **243606**  
Storage Temperature: Argon charged

| Parameter                                   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D         | 1.405-1.409           | 1.41                  |
| Peroxide(as H <sub>2</sub> O <sub>2</sub> ) | 0-0.005 (%)           | 0.00 %                |
| Water by Karl Fischer                       | 0-0.05 (%)            | 0.00 %                |
| Purity(GC)                                  | 99-100 (%)            | 99.97 %               |
| Density (20°C)                              | 0.887-0.891           | 0.89                  |
| Appearance (T103263)                        | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                           | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager