

## Certificate of Analysis

Date of Testing: 2023-04-09 22:56:24

Date of Next Testing: 2027-04-08 22:56:24

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity:  $\geq 99.5\%$  (GC)(contains 250 ppm BHT as stabilizer)

Lot #: D2306897

SKU #: **T103264**

**Analysis:** **204295**

Storage Temperature: Argon charged

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                       | 0-0.05 (%)            | 0.00 %                |
| Purity(GC)                                  | 99.5-100 (%)          | 99.97 %               |
| Density (20°C)                              | 0.887-0.891           | 0.89                  |
| Peroxide(as H <sub>2</sub> O <sub>2</sub> ) | 0-0.005 (%)           | 0.00 %                |
| Refractive index n <sub>20</sub> /D         | 1.405-1.409           | 1.41                  |
| Infrared spectrum                           | Conforms to Structure | Conforms to Structure |
| Stabilizer (0.025 - 0.04% BHT)              | Conforms              | Conforms              |
| Appearance (T103264)                        | Colorless liquid      | Colorless liquid      |



John Su  
QA & QC Manager