

## Certificate of Analysis

Date of Testing: 2022-05-03 11:13:01

Date of Next Testing: 2024-04-22 11:13:01

Product Name: **Furfural**

CAS Number: 98-01-1

Specifications & Purity: Analytical Reagent, 99%

Lot #: D2226069

SKU #: **F100546**

**Analysis:** **088553**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                               | Result                                     |
|-------------------------------------|--------------------------------------------|--------------------------------------------|
| Residue on Evaporation              | 0-0.5 (%)                                  | 0.00 %                                     |
| Acid Value                          | 0-1                                        | 1.00                                       |
| Density (20°C)                      | 1.16-1.165                                 | 1.16                                       |
| Refractive index n <sub>20</sub> /D | 1.524-1.528                                | 1.53                                       |
| Purity(GC)                          | 98.5-100 (%)                               | 99.13 %                                    |
| Appearance (F100546)                | Colorless to Yellow to Brown to Red Liquid | Colorless to Yellow to Brown to Red Liquid |
| Infrared spectrum                   | Conforms to Structure                      | Conforms to Structure                      |



John Su  
QA & QC Manager