

## Certificate of Analysis

Date of Testing: 2024-10-21 11:58:36  
Date of Next Testing: 2028-10-20 11:58:36  
Product Name: **2,5-Furandicarboxylic acid**  
CAS Number: 3238-40-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2418415  
SKU #: **F119129**  
Version: **1**  
Analysis #: **417715**  
Storage Temperature: Desiccated, Cool

| Parameter                  | Limit Values              | Result                    |
|----------------------------|---------------------------|---------------------------|
| Purity(HPLC)               | 98-100 (%)                | 100.00000 %               |
| Melting point              | $\geq 300$ (°C)           | 320.00000 °C              |
| Purity (Titration by NaOH) | 97.5-102.5 (%)            | 98.30 %                   |
| Appearance (F119129)       | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum          | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum        | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager