

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-27 09:11:51  
 Date of Next Testing: 2028-04-26 09:11:51  
 Product Name: **2,5-Furandicarboxylic acid (FDCA)**  
 CAS Number: 3238-40-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D2416279  
 SKU #: **F119129**  
 Version: **1**  
 Analysis #: **324346**  
 Storage Temperature: Desiccated, Cool

| Parameter                  | Limit Values              | Result                    |
|----------------------------|---------------------------|---------------------------|
| Purity(HPLC)               | 98-100 (%)                | 98.94500 %                |
| Melting point              | $\geq 300$ (°C)           | 320.00000 °C              |
| Purity (Titration by NaOH) | 97.5-102.5 (%)            | 100.86000 %               |
| 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