

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-04-10 15:38:35  
 Date of Next Testing: 2028-04-09 15:38:35  
 Product Name: **2,2,5-Trimethyl-1,3-dioxane-5-carboxylic Acid**  
 CAS Number: 16837-14-2  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: F2220041  
 SKU #: **T343557**  
 Version: **1**  
 Analysis #: **493393**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter            | Limit Values                         | Result                               |
|----------------------|--------------------------------------|--------------------------------------|
| Purity(GC)           | 95-100 (%)                           | 98.31600 %                           |
| Melting point        | 119-123 (°C)                         | 122.57800 °C                         |
| Appearance (T343557) | White to off-white powder to crystal | White to Off-White Powder to crystal |
| Proton NMR spectrum  | Conforms to structure                | Conforms to Structure                |



John Su  
QA & QC Manager