

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-28 10:18:32  
Date of Next Testing: 2025-09-27 10:18:32  
Product Name: ( $\pm$ )-6-Hydroxy-2,5,7,8-tetramethylchromane-2-carboxylic acid  
CAS Number: 53188-07-1  
Specifications & Purity: 98%, white  
Lot #: I2327109  
SKU #: T137260  
**Analysis: 280605**  
Storage Temperature: Store at 2-8°C

| Parameter                        | Limit Values                          | Result                                |
|----------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                     | 98-100 (%)                            | 99.85000 %                            |
| Purity(Neutralization titration) | 97.5-102.5 (%)                        | 99.80 %                               |
| Melting point                    | 187-194 (°C)                          | 187.02000 °C                          |
| Appearance (T137260)             | white to creamy white powder or chunk | white to creamy white powder or chunk |
| Proton NMR spectrum              | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager