

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-06 11:35:12  
Date of Next Testing: 2025-01-05 11:35:12  
Product Name: ( $\pm$ )-6-Hydroxy-2,5,7,8-tetramethylchromane-2-carboxylic acid  
CAS Number: 53188-07-1  
Specifications & Purity:  $\geq$ 98%  
Lot #: A2303291  
SKU #: T488850  
**Analysis: 151318**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.48 %
Melting point	187-194 (°C)	188.78000 °C
Residue on Ignition	$\leq$ 0.1 (%)	0.00000 %
Purity(Neutralization titration)	98-102.5 (%)	98.01 %
Appearance(T488850)	white to creamy white powder or chunk	white to creamy white powder or chunk
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager