

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-11 22:26:25
 Date of Next Testing: 2027-06-10 22:26:25
 Product Name: **4-Chloro-DL-mandelic Acid**
 CAS Number: 492-86-4
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: F2309133
 SKU #: **C153759**
 Version: **0**
 Analysis #: **027466**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	117-122 (°C)	120.39000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	99.52000 %
Purity(HPLC)	98-100 (%)	98.25900 %
Appearance (C153759)	white or almost white powder or crystals	white or almost white powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager