

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-12 10:06:45
 Date of Next Testing: 2027-07-11 10:06:45
 Product Name: **Dimethyl L-(+)-Tartrate**
 CAS Number: 608-68-4
 Specifications & Purity: $\geq 99\%$, $\geq 99\%$ (ee)
 Lot #: G2305022
 SKU #: **D196350**
 Version: **0**
 Analysis #: **250563**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.01000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	20-22 (°)	20.01000 °
Melting point	61-65 (°C)	61.52000 °C
Appearance (D196350)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager