

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-13 16:48:28

Date of Next Testing: 2027-07-12 16:48:28

Product Name: **Dimethyl L-(+)-Tartrate**

CAS Number: 608-68-4

Specifications & Purity: $\geq 99.0\%$, $\geq 99.0\% \text{e.e.}$

Lot #: G2305023

SKU #: **D196350**

Analysis: **251665**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.01 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	20-22 (°)	20.01 °
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager