

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-15 18:51:19
 Date of Next Testing: 2024-03-14 18:51:19
 Product Name: (-)-Dimethyl D-tartrate
 CAS Number: 13171-64-7
 Specifications & Purity: ≥98%(GC)
 Lot #: B2222487
 SKU #: D138152
 Version: 0
 Analysis #: 049519
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.22000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-22--20 (°)	-20.99100 °
Melting point	48-56 (°C)	50.24000 °C
Appearance (D138152)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager