

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-06 17:38:13
 Date of Next Testing: 2027-06-06 17:38:13
 Product Name: **meso-Tartaric acid monohydrate**
 CAS Number: 5990-63-6
 Specifications & Purity: $\geq 97\%$
 Lot #: E2430508
 SKU #: **M433045**
 Version: **1**
 Analysis #: **361032**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.00000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-0.1~0.1 (°)	-0.01000 °
Water by Karl Fischer	7-13 (%)	11.00000 %
Appearance(M433045)	white to Faint Beige powder or crystals	White to Faint Beige Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager