

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-23 17:25:41

Date of Next Testing: 2028-07-22 17:25:41

Product Name: (-)-Diacetyl-L-tartaric Acid

CAS Number: 51591-38-9

Specifications & Purity: ≥98%

Lot #: G2419151

SKU #: D155463

Version: 1

Analysis #: 346911

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	100.00000 %
specific rotation [α] _{20/D(C=10, Aceton)}	-26--24 (°)	-24.70000 °
Melting point	117-124 (°C)	120.00000 °C
Appearance(D155463)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager