

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-11 17:06:14

Date of Next Testing: 2027-07-11 17:06:14

Product Name: **Diacetone-D-Mannitol**

CAS Number: 1707-77-3

Specifications & Purity: $\geq 92\%$

Lot #: G2509641

SKU #: **D707094**

Version: **1**

Analysis #: **542273**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	92-100 (%)	92.80600 %
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in CHCL}_3)}$	5-7.5 (°)	7.29300 °
Melting point	118-123 (°C)	121.62000 °C
Appearance(D707094)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager