

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-19 09:39:45

Date of Next Testing: 2026-05-18 09:39:45

Product Name: **Diacetone-D-galactose**

CAS Number: 4064-06-6

Specifications & Purity: $\geq 95\%$

Lot #: C2218581

SKU #: **D107891**

Version: **0**

Analysis #: **075439**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.79300 %
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in CHCL}_3)}$	-60--57 (°)	-57.13500 °
Appearance (D107891)	Colorless to Yellow Viscous Liquid	Colorless to Yellow Viscous Liquid
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager