

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-25 16:46:06

Date of Next Testing: 2026-06-24 16:46:06

Product Name: **Dimethyl 2-oxoglutarate**

CAS Number: 13192-04-6

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: F2222459

SKU #: **D163011**

Version: **0**

Analysis #: **106534**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.84110 %
Density (20°C)	1.207-1.217	1.21300
Refractive index n _{20/D}	1.438-1.442	1.43840
Appearance (D163011)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager