

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-01 17:01:56

Date of Next Testing: 2027-08-31 17:01:56

Product Name: **Dimethyl 2-oxoglutarate**

CAS Number: 13192-04-6

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

Lot #: H2330294

SKU #: **D163011**

Version: **0**

Analysis #: **289604**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.46000 %
Density (20°C)	1.207-1.217	1.21200
Refractive index n _{20/D}	1.438-1.442	1.43919
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