

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-04 13:29:41  
Date of Next Testing: 2026-07-03 13:29:41  
Product Name: **diethyl 2-oxoglutarate**  
CAS Number: 5965-53-7  
Specifications & Purity: 95%  
Lot #: F2325849  
SKU #: **D479224**  
Analysis: **225298**

| Parameter       | Limit Values          | Result                |
|-----------------|-----------------------|-----------------------|
| Purity(GC)      | 95-100 (%)            | 95.51%                |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager