

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-10 13:02:23  
 Date of Next Testing: 2027-08-09 13:02:23  
 Product Name: **Dimethyl succinate**  
 CAS Number: 106-65-0  
 Specifications & Purity: AR, ≥99%  
 Lot #: G2329315  
 SKU #: **D103953**  
 Version: **1**  
 Analysis #: **224564**  
 Storage Temperature: Room temperature, Cool

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C)                      | 1.12-1.123            | 1.12100               |
| Acid Value                          | 0-0.2 (mg/g)          | 0.18600 mg/g          |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.03600 %             |
| Purity(GC)                          | 99-100 (%)            | 99.42700 %            |
| Refractive index n <sub>20</sub> /D | 1.418-1.42            | 1.41980               |
| Appearance (D103953)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to structure | Conforms to Structure |



John Su  
 QA & QC Manager