

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-25 11:27:57

Date of Next Testing: 2027-03-24 11:27:57

Product Name: **Diethyl carbonate(DEC)**

CAS Number: 105-58-8

Specifications & Purity:  $\geq 99\%$

Lot #: C2321711

SKU #: **D103040**

Version: **0**

**Analysis #:** **196986**

Storage Temperature: Room temperature, Argon charged, Cool

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Density (20°C)                     | 0.975-0.979           | 0.97700               |
| Purity(GC)                         | 99-100 (%)            | 99.02200 %            |
| Refractive index n <sub>20/D</sub> | 1.383-1.387           | 1.38460               |
| Appearance (D103040)               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |



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QA & QC Manager