

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-30 10:41:29

Date of Next Testing: 2027-06-29 10:41:29

Product Name: **Diethyl maleate(DEM)**

CAS Number: 141-05-9

Specifications & Purity:  $\geq 96\%$

Lot #: F23151099

SKU #: **D104017**

Version: **0**

Analysis #: **232077**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                      | 1.067-1.071                      | 1.06960                          |
| Refractive index n <sub>20</sub> /D | 1.439-1.443                      | 1.44060                          |
| Water by Karl Fischer               | 0-0.2 (%)                        | 0.03310 %                        |
| Purity(GC)                          | 96-100 (%)                       | 99.64400 %                       |
| Appearance (D104017)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager