

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-07 11:02:33

Date of Next Testing: 2027-11-06 11:02:33

Product Name: **Diethyl cyclobutane-1,1-dicarboxylate**

CAS Number: 3779-29-1

Specifications & Purity: 98%(GC)

Lot #: J2331171

SKU #: **D124266**

**Analysis: 281205**

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.434-1.436                      | 1.44                             |
| Purity(GC)                         | 98-100 (%)                       | 98.94 %                          |
| Density (20°C)                     | 1.047-1.049                      | 1.05                             |
| Appearance (D124266)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                  | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager