

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-08 10:34:38  
Date of Next Testing: 2027-12-07 10:34:38  
Product Name: **3,4-Diethoxy-3-cyclobutene-1,2-dione**  
CAS Number: 5231-87-8  
Specifications & Purity: >98.0%(GC)  
Lot #: L2301185  
SKU #: **D154372**  
**Analysis:** **296313**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.507-1.511	1.51
Purity(GC)	98-100 (%)	99.47%
Appearance (D154372)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager