

## Certificate of Analysis

Date of Testing: 2023-03-09 10:21:15  
Date of Next Testing: 2027-03-08 10:21:15  
Product Name: **3,4-Diethoxy-3-cyclobutene-1,2-dione**  
CAS Number: 5231-87-8  
Specifications & Purity: >98.0%(GC)  
Lot #: E1922139  
SKU #: **D154372**  
**Analysis: 196142**  
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 (%)                 | 98.23%                     |
| Appearance (D154372)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



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