

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-12-15 16:11:21  
Date of Next Testing: 2029-12-14 16:11:21  
Product Name: **6-Methyl-2,4-heptanedione**  
CAS Number: 3002-23-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2504487  
SKU #: **M121439**  
Version: **2**  
Analysis #: **583463**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                | Limit Values                                     | Result                                           |
|--------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC area)        | 98-100 (%)                                       | 99.26300 %                                       |
| Appearance (M121439)     | Colorless to Light orange to Yellow clear liquid | Colorless to Light orange to Yellow clear liquid |
| Proton NMR spectrum      | Conforms to Structure                            | Conforms to Structure                            |
| GC-MS for identification | Conforms                                         | Conforms                                         |



John Su  
QA & QC Manager