

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-06 15:45:06

Date of Next Testing: 2029-11-05 15:45:06

Product Name: **3,4-Hexanedione**

CAS Number: 4437-51-8

Specifications & Purity:  $\geq 96\%$

Lot #: B2209242

SKU #: **H102539**

Version: **1**

Analysis #: **599134**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                                  | Result                                        |
|------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(GC)                         | 96-100 (%)                                    | 98.60000 %                                    |
| Density (20°C)                     | 0.941-0.949                                   | 0.94500                                       |
| Refractive index n <sub>20/D</sub> | 1.399-1.415                                   | 1.40000                                       |
| Appearance (H102539)               | Light yellow to Yellow to Orange clear liquid | Light yellow to Yellow to Orange clear liquid |
| Proton NMR spectrum                | Conforms to structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager