

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-07 09:04:33

Date of Next Testing: 2026-12-06 09:04:33

Product Name: **Ethyl 4-Pentenoate**

CAS Number: 1968-40-7

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: B1911038

SKU #: **E156151**

Version: **1**

Analysis #: **163771**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                               | Result                                     |
|-------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                 | 98.12800 %                                 |
| Refractive index n <sub>20</sub> /D | 1.414-1.418                                | 1.41600                                    |
| Proton NMR spectrum                 | Conforms to Structure                      | Conforms to Structure                      |
| Appearance(E156151)                 | Colorless to Almost colorless clear liquid | Colorless to almost colorless clear liquid |

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

John Su  
QA & QC Manager