

## Certificate of Analysis

Date of Testing: 2025-06-25 13:26:03

Date of Next Testing: 2027-06-25 13:26:03

Product Name: **3,3-Dimethyl-4-pentenoic Acid Methyl Ester**

CAS Number: 63721-05-1

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

Lot #: L2106724

SKU # **M133963**

Version **1**

Analysis #: **525615**

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                      | 0.9-0.906                        | 0.90                             |
| Purity(GC)                          | 98-100 (%)                       | 99.34 %                          |
| Refractive index n <sub>20</sub> /D | 1.421-1.425                      | 1.42                             |
| Appearance (M133963)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager