

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-11 14:26:56

Date of Next Testing: 2025-09-10 14:26:56

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

CAS Number: 63721-05-1

Specifications & Purity: $\geq 98.0\%$ (GC)

Lot #: K2125141

SKU # **M133963**

Analysis: 274358

Parameter	Limit Values	Result
Density (20°C)	0.9-0.906	0.90
Purity(GC)	98-100 (%)	99.81 %
Refractive index n ₂₀ /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