

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-22 16:48:42

Date of Next Testing: 2027-10-12 16:48:42

Product Name: **Undecanal**

CAS Number: 112-44-7

Specifications & Purity: $\geq 97\%$

Lot #: J2515717

SKU #: **U105593**Version: **2**Analysis #: **582881**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.65 %
Density (20°C)	0.827-0.834	0.83
Free acid	0-2 (%)	0.54 %
Refractive index n ₂₀ /D	1.430-1.436	1.43
Appearance (U105593)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager