

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-30 08:19:43

Date of Next Testing: 2027-03-29 08:19:43

Product Name: **2-Undecanone**

CAS Number: 112-12-9

Specifications & Purity: $\geq 99\%$

Lot #: C2324872

SKU #: **U109754**

Version: **1**

Analysis #: **119642**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	0-1 (mgKOH/g)	0.42000 mgKOH/g
Crystallization point	11-14 (°C)	12.50000 °C
Density (20°C)	0.823-0.831	0.82700
Purity(GC)	99-100 (%)	99.79400 %
Refractive index n ₂₀ /D	1.428-1.432	1.42940
Appearance (U109754)	Colorless Liquid	Colorless liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager