

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-22 09:58:56

Date of Next Testing: 2024-09-11 09:58:56

Product Name: **γ -Undecanolactone**

CAS Number: 104-67-6

Specifications & Purity: $\geq 98\%$

Lot #: L2002081

SKU #: **U109751**

Version: **0**

Analysis #: **138456**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.449-1.451	1.45000
Density (20°C)	0.939-0.948	0.94200
Purity(GC)	98-100 (%)	99.11200 %
Appearance (U109751)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager