

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-29 10:23:35

Date of Next Testing: 2024-07-18 10:23:35

Product Name: **γ-Undecanolactone**

CAS Number: 104-67-6

Specifications & Purity: 98%

Lot #: G2226419

SKU #: **U109751**

Analysis: **105244**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.449-1.451	1.45
Density (20°C)	0.939-0.948	0.94
Purity(GC)	98-100 (%)	98.88 %
Appearance (U109751)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager