

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-12 11:42:06
 Date of Next Testing: 2027-05-02 11:42:06
 Product Name: **γ -Undecanolactone**
 CAS Number: 104-67-6
 Specifications & Purity: $\geq 98\%$
 Lot #: J2128596
 SKU #: **U109751**
 Version: **0**
 Analysis #: **508165**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.449-1.451	1.45030
Density (20°C)	0.939-0.948	0.94080
Purity(GC)	98-100 (%)	98.47000 %
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