

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-15 17:25:13

Date of Next Testing: 2029-04-14 17:25:13

Product Name: **γ-Valerolactone**

CAS Number: 108-29-2

Specifications & Purity: ≥98%

Lot #: D2502527

SKU #: **V106294**

Version: **0**

Analysis #: **480374**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.431-1.434	1.43360
Purity(GC)	98-100 (%)	99.58000 %
Density (20°C)	1.053-1.058	1.05410
Appearance (V106294)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager