

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-24 14:31:03

Date of Next Testing: 2029-07-23 14:31:03

Product Name: **γ -Valerolactone**

CAS Number: 108-29-2

Specifications & Purity: $\geq 98\%$

Lot #: G2521413

SKU #: **V106294**Version: **0**Analysis #: **542125**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.431-1.434	1.43
Purity(GC)	98-100 (%)	99.90 %
Density (20°C)	1.053-1.058	1.06
Appearance (V106294)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager