

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-15 18:30:29

Date of Next Testing: 2029-08-14 18:30:29

Product Name:  **$\gamma$ -Valerolactone**

CAS Number: 108-29-2

Specifications & Purity:  $\geq 98\%$ 

Lot #: H2512514

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

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /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