

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-24 14:31:35

Date of Next Testing: 2029-07-23 14:31:35

Product Name: **γ-Valerolactone**

CAS Number: 108-29-2

Specifications & Purity: ≥98%

Lot #: G2521414

SKU #: **V106294**

Version: **0**

Analysis #: **542125**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.431-1.434                      | 1.43360                          |
| Purity(GC)                         | 98-100 (%)                       | 99.90300 %                       |
| Density (20°C)                     | 1.053-1.058                      | 1.05610                          |
| 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