

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-09 19:18:05

Date of Next Testing: 2026-05-08 19:18:05

Product Name:  **$\alpha$ -Methyl- $\gamma$ -butyrolactone**

CAS Number: 1679-47-6

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: E2203040

SKU #: A151225

Version: 0

Analysis #: 081199

Storage Temperature: Store at 2-8°C

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 98-100 (%)                 | 99.10000 %                 |
| Density (20°C)                      | 1.058-1.062                | 1.06000                    |
| Refractive index n <sub>20</sub> /D | 1.431-1.435                | 1.43300                    |
| Appearance (A151225)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager