

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-17 12:18:00

Date of Next Testing: 2026-04-16 12:18:00

Product Name:  **$\gamma$ -(2-Naphthyl)- $\gamma$ -butyrolactone**

CAS Number: 180037-65-4

Specifications & Purity: 95%

Lot #: D2313199

SKU #: **N340701**

**Analysis:** **193211**

Storage Temperature: Room temperature

| Parameter           | Limit Values              | Result                    |
|---------------------|---------------------------|---------------------------|
| Purity(HPLC area)   | 95-100 (%)                | 98.81 %                   |
| Appearance(N340701) | Off-white or beige powder | Off-white or beige powder |
| NMR Spectrum 1H     | Conforms to Structure     | Conforms to Structure     |

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

John Su  
QA & QC Manager