

Certificate of Analysis

Date of Testing: 2023-02-24 17:42:21
Date of Next Testing: 2027-02-23 17:42:21
Product Name: **alpha-Acetyl-gamma-butyrolactone**
CAS Number: 517-23-7
Specifications & Purity: 98%
Lot #: B2318852
SKU #: **A108065**
Analysis: 184985

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.458-1.462 | 1.46 |
| Density (20°C) | 1.19-1.193 | 1.19 |
| Purity(GC) | 98-100 (%) | 99.13 % |
| Appearance (A108065) | Colorless Liquid | Colorless liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager