

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-12 14:22:22  
 Date of Next Testing: 2027-07-11 14:22:22  
 Product Name: **1,4-Butanesultone**  
 CAS Number: 1633-83-6  
 Specifications & Purity:  $\geq 99\%$ (GC)  
 Lot #: G2307570  
 SKU #: **B152091**  
 Version: **1**  
 Analysis #: **097862**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                     | 1.336-1.339                      | 1.33800                          |
| Purity(GC)                         | 99-100 (%)                       | 99.54700 %                       |
| Refractive index n <sub>20/D</sub> | 1.462-1.465                      | 1.46210                          |
| Appearance (B152091)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager