

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-16 10:08:35  
Date of Next Testing: 2027-05-15 10:08:35  
Product Name: **1,4-Butanesultone**  
CAS Number: 1633-83-6  
Specifications & Purity: >99.0%(GC)  
Lot #: D2323037  
SKU #: **B152091**  
**Analysis:** **166713**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.462-1.465	1.46
Density (20°C)	1.336-1.339	1.34
Purity(GC)	99-100 (%)	99.67 %
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