

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-06 17:05:18

Date of Next Testing: 2026-05-05 17:05:18

Product Name: **1,4-Butanesultone**

CAS Number: 1633-83-6

Specifications & Purity: >99.0%(GC)

Lot #: E2203072

SKU #: **B152091****Analysis: 081523**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.462-1.465	1.46
Density (20°C)	1.336-1.339	1.34
Purity(GC)	99-100 (%)	99.76 %
Appearance (B152091)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager