

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-20 15:57:18

Date of Next Testing: 2025-09-09 15:57:18

Product Name: **cis-2-Butene-1,4-diol**

CAS Number: 6117-80-2

Specifications & Purity: $\geq 97\%$

Lot #: L2108283

SKU #: **B111227**

Version: **0**

Analysis #: **278916**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.477-1.48	1.47800
Purity(GC)	97-100 (%)	97.10300 %
Density (20°C)	1.073-1.076	1.07500
Appearance (B111227)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager