

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-25 19:21:39

Date of Next Testing: 2026-12-15 19:21:39

Product Name: **2-Butene-1,4-diol(cis+trans)**

CAS Number: 110-64-5

Specifications & Purity:  $\geq 97\%$

Lot #: L2424422

SKU #: **B107560**

Version: **1**

Analysis #: **450502**

Storage Temperature: Room temperature

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity( (sum of isomers)(GC)        | 97-100 (%)                 | 100.00000 %                |
| Refractive index n <sub>20</sub> /D | 1.477-1.479                | 1.47900                    |
| Appearance (B107560)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager