

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-21 16:38:44  
 Date of Next Testing: 2027-11-20 16:38:44  
 Product Name: **(±)-3-Amino-1,2-propanediol**  
 CAS Number: 616-30-8  
 Specifications & Purity: ≥97%  
 Lot #: K2316021  
 SKU #: **A107504**  
 Version: **0**  
 Analysis #: **288421**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                        | Limit Values          | Result                |
|--------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                            | 0-0.5 (%)             | 0.22940 %             |
| Purity(GC)                                       | 97-100 (%)            | 97.03000 %            |
| Appearance (A107504)                             | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                              | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , very faint hazy | pass                  | Pass                  |
| Infrared spectrum                                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager