

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-02-08 17:20:34

Date of Next Testing: 2026-02-07 17:20:34

Product Name: **(R)-3-Amino-1,2-propanediol**

CAS Number: 66211-46-9

Specifications & Purity:  $\geq 98\%$

Lot #: B2207023

SKU #: **A101946**

Version: **0**

Analysis #: **062412**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                    | Limit Values                                     | Result                                           |
|------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(Nonaqueous Titration)                                                 | 97.5-102.5 (%)                                   | 98.62000 %                                       |
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } 2-4 \text{ H}_2\text{O})}$ |                                                  | 2.19700 °                                        |
| Purity(GC)                                                                   | 98-100 (%)                                       | 98.73000 %                                       |
| Melting point                                                                | 52-59 (°C)                                       | 58.99000 °C                                      |
| Appearance (A101946)                                                         | White to Yellow Crystals to Powder and/or Chunks | White to Yellow Crystals to Powder and/or Chunks |
| Infrared spectrum                                                            | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager