

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-27 10:22:01

Date of Next Testing: 2026-01-26 10:22:01

Product Name: **(S)-(-)-3-tert-Butylamino-1,2-propanediol**

CAS Number: 30315-46-9

Specifications & Purity:  $\geq 97\%$

Lot #: C1418090

SKU #: **T123076**

Version: **0**

Analysis #: **070685**

Storage Temperature: Room temperature

| Parameter                                                            | Limit Values          | Result                |
|----------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                           | 97-100 (%)            | 97.49000 %            |
| Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 1 \text{ M HCl})}$ | -31--27 (°)           | -28.37000 °           |
| Melting point                                                        | 79-82 (°C)            | 79.26000 °C           |
| Infrared spectrum                                                    | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH , Very faint turbidity                            | pass                  | Pass                  |



John Su  
QA & QC Manager