

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 18:41:45

Date of Next Testing: 2027-03-07 18:41:45

Product Name: **(R)-(-)-1-Phenyl-1,2-ethanediol**

CAS Number: 16355-00-3

Specifications & Purity:  $\geq 99\%$

Lot #: C2306061

SKU #: **P100518**

Version: **1**

Analysis #: **183277**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values             | Result                   |
|-----------------------------------------------------------------|--------------------------|--------------------------|
| Melting point                                                   | 64-69 (°C)               | 68.28000 °C              |
| Purity(GC)                                                      | 99-100 (%)               | 99.03900 %               |
| Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in H}_2\text{O})$ | -42--35 (°)              | -36.59000 °              |
| Appearance (P100518)                                            | White Powder or Crystals | White Powder or Crystals |
| NMR Spectrum 1H                                                 | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager