

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-24 15:41:38
 Date of Next Testing: 2026-01-23 15:41:38
 Product Name: **(R)-(-)-1-Phenyl-1,2-ethanediol**
 CAS Number: 16355-00-3
 Specifications & Purity: $\geq 99\%$
 Lot #: C1812182
 SKU #: **P100518**
 Version: **1**
 Analysis #: **069740**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.47500 %
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	-42--35 (°)	-41.75000 °
Melting point	64-69 (°C)	64.53000 °C
Appearance (P100518)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO(5%)	Conforms	Conforms



John Su
QA & QC Manager