

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-09 11:16:00

Date of Next Testing: 2026-05-08 11:16:00

Product Name: (1S,2S)-(+)-2-Amino-1-(4-nitrophenyl)-1,3-propanediol

CAS Number: 2964-48-9

Specifications & Purity: $\geq 99\%$

Lot #: D2325722

SKU #: I169359

Version: 1

Analysis #: 223504

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 6N \text{ HCl})$	27-33 ($^{\circ}$)	28.45800 $^{\circ}$
Melting point	163-167 ($^{\circ}\text{C}$)	164.25000 $^{\circ}\text{C}$
Appearance (I169359)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager