

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-15 11:56:30
 Date of Next Testing: 2026-11-14 11:56:30
 Product Name: **D-(-)-threo-2-Amino-1-(4-nitrophenyl)-1,3-propanediol**
 CAS Number: 716-61-0
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: K2211863
 SKU #: **S161025**
 Version: **0**
 Analysis #: **113628**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	162-167 (°C)	165.22000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.95000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 6\text{mol/LHCl})$	-33--27 (°)	-32.99000 °
Appearance (S161025)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager