

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 11:30:24
 Date of Next Testing: 2026-01-24 11:30:24
 Product Name: **D-Prolinol**
 CAS Number: 68832-13-3
 Specifications & Purity: $\geq 98\%$
 Lot #: C1826078
 SKU #: **P117145**
 Version: **3**
 Analysis #: **070007**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.18000 %
Refractive index n _{20/D}	1.483-1.490	1.48400
Density (20°C)	1.035-1.04	1.03800
Specific Rotation [α] _{20/D} (c=1 in Toluene)	-33--28	-29.21000
Purity(HPLC)	98-100 (%)	99.33200 %
Appearance (P117145)	Colorless to Faint Yellow Viscous Liquid	Colorless to Faint Yellow Viscous Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager