

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-19 13:52:38

Date of Next Testing: 2026-09-18 13:52:38

Product Name: **D-Prolinol**

CAS Number: 68832-13-3

Specifications & Purity: $\geq 98\%$

Lot #: K1827107

SKU #: **P117145**

Version: **3**

Analysis #: **136573**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	97.50000 %
Refractive index n _{20/D}	1.483-1.490	1.48500
Density (20°C)	1.035-1.04	1.03700
Specific Rotation [α] _{20/D} (c=1 in Toluene)	-33--28	-28.36000
Purity(HPLC)	98-100 (%)	98.10200 %
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