

Certificate of Analysis

Date of Testing: 2024-10-16 10:53:52

Date of Next Testing: 2028-10-15 10:53:52

Product Name: **D-Prolinol**

CAS Number: 68832-13-3

Specifications & Purity: $\geq 98\%$

Lot #: 11212060

SKU #: **P117145**

Version: **3**

Analysis #: **420874**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.50 %
Refractive index n ₂₀ /D	1.483-1.49	1.48
Density (20°C)	1.035-1.04	1.04
Specific Rotation [α] ₂₀ /D(c=1 in Toluene)	-33--28	-28.00
Purity(HPLC)	98-100 (%)	98.01000 %
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