

Certificate of Analysis

Date of Testing: 2024-11-08 17:18:55

Date of Next Testing: 2026-11-08 17:18:55

Product Name: (S)-(-)-3-Butyn-2-ol

CAS Number: 2914-69-4

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: E1920138

SKU #: S161362

Version: 0

Analysis #: 421031

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.424-1.428	1.43
Specific Rotation [α] ₂₀ /D(c=Neat)	-49--44 (°)	-48.10°
Purity(GC)	98-100 (%)	98.01%
Appearance (S161362)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager