

Certificate of Analysis

Date of Testing: 2023-04-26 10:07:37

Date of Next Testing: 2027-04-25 10:07:37

Product Name: (S)-(+)-1,2-Isopropylideneglycerol

CAS Number: 22323-82-6

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

Lot #: D2315384

SKU #: I123573

Version: 0

Analysis #: 081414

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.433-1.435	1.43
Enantiometric Excess	98-100 (%)	98.14 %
Purity(GC)	98-100 (%)	98.37 %
Density (20°C)	1.067-1.07	1.07
Specific Rotation [α] ₂₀ /D	13.5-14.5 (°)	14.29°
Appearance (I123573)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager