

Certificate of Analysis

Date of Testing: 2023-05-09 13:23:58

Date of Next Testing: 2027-05-08 13:23:58

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

CAS Number: 22323-82-6

Specifications & Purity: >98.0%(GC)

Lot #: G1919199

SKU # I123573

Analysis: 220030

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.433-1.435	1.43
Specific Rotation [α] _{20/D}	13.5-14.5 (°)	13.80°
Enantiometric Excess	98-100 (%)	98.21 %
Purity(GC)	98-100 (%)	98.22 %
Density (20°C)	1.067-1.07	1.07
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