

Certificate of Analysis

Date of Testing: 2023-01-10 16:30:46

Date of Next Testing: 2027-01-09 16:30:46

Product Name: (R)-(+)-4-Methoxy- α -methylbenzylamine

CAS Number: 22038-86-4

Specifications & Purity: $\geq 98\%$

Lot #: A2306544

SKU #: M106421

Version: 1

Analysis #: 120850

Storage Temperature: Argon charged

Parameter	Limit Values	Result
optical purity ee(GC)	85-100 (%)	89.90 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.40 %
Density (20°C)	1.022-1.026	1.02
Purity(GC)	98-100 (%)	98.68 %
Specific Rotation	30-34 (°)	32.60°
[α] ₂₀ /D(c=Neat)		
Refractive index n ₂₀ /D	1.531-1.535	1.53
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(M106421)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid



John Su
QA & QC Manager