

Certificate of Analysis

Date of Testing: 2025-03-25 16:55:10
 Date of Next Testing: 2029-03-24 16:55:10
 Product Name: (R)-(+)-4-Methoxy- α -methylbenzylamine
 CAS Number: 22038-86-4
 Specifications & Purity: $\geq 98\%$
 Lot #: C2517130
 SKU #: M106421
 Version: 1
 Analysis #: 059849
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
optical purity ee(GC)	85-100 (%)	88.95 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.02 %
Purity(GC)	98-100 (%)	99.07 %
Refractive index n ₂₀ /D	1.531-1.535	1.53
Density (20°C)	1.022-1.026	1.02
Specific Rotation	30-34 (°)	33.99°
[α] ₂₀ /D(c=Neat)		
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