

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-23 17:29:35
 Date of Next Testing: 2028-12-22 17:29:35
 Product Name: (S)-(+)- α -(Trifluoromethyl)benzyl Alcohol
 CAS Number: 340-06-7
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: L2416306
 SKU #: S161231
 Version: 0
 Analysis #: 454161
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	30-33 ($^{\circ}$)	31.66000 $^{\circ}$
Purity(GC)	98-100 (%)	98.21500 %
Refractive index $n_{20/D}$	1.458-1.462	1.46100
Appearance (S161231)	Colorless to Light Red Liquid	Colorless to Light Red Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager