

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-20 15:34:02
 Date of Next Testing: 2027-12-19 15:34:02
 Product Name: (S)-(-)-Tetrahydrofuran-2-carboxylic Acid
 CAS Number: 87392-07-2
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: C2004094
 SKU #: S161338
 Version: 0
 Analysis #: 306815
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.59700 %
Density (20°C)	1.214-1.217	1.21600
Refractive index n ₂₀ /D	1.459-1.461	1.46100
Specific Rotation	-20--18 (°)	-19.81000 °
[α] ₂₀ /D(c=Neat)		
Appearance (S161338)	Colorless to Light yellow to orange clear liquid	Colorless to Light yellow to orange clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager