

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-02 14:50:33
 Date of Next Testing: 2027-06-01 14:50:33
 Product Name: (S)-(+)-Tetrahydrofurfurylamine
 CAS Number: 7175-81-7
 Specifications & Purity: ≥98%
 Lot #: E2329347
 SKU #: T113724
 Version: 1
 Analysis #: 217672
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.90000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	13-18 (°)	13.70300 °
Refractive index $n_{20/D}$	1.452-1.456	1.45390
Density (20°C)	0.977-0.981	0.97800
Purity(GC)	98-100 (%)	98.52600 %
Appearance (T113724)	Colourless to Pale Yellow Liquid	colourless to pale yellow liquid
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager