

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-02 14:52:55

Date of Next Testing: 2027-06-01 14:52:55

Product Name: (S)-(+)-Tetrahydrofurfurylamine

CAS Number: 7175-81-7

Specifications & Purity: $\geq 98\%$

Lot #: E2329351

SKU #: T113724

Version: 1

Analysis #: 217672

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.90 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	13-18 (°)	13.70°
Refractive index $n_{20/D}$	1.452-1.456	1.45
Density (20°C)	0.977-0.981	0.98
Purity(GC)	98-100 (%)	98.53 %
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