

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-06-02 14:45:53

Date of Next Testing: 2027-06-01 14:45:53

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

CAS Number: 7175-81-7

Specifications & Purity: ≥98%

Lot #: E2329343

SKU #: T113724

Version: 1

Analysis #: 217672

Storage Temperature: Argon charged

| Parameter                                           | Limit Values                     | Result                           |
|-----------------------------------------------------|----------------------------------|----------------------------------|
| Purity(NonaqueousTitration)                         | 97.5-102.5 (%)                   | 99.90 %                          |
| Specific Rotation [α] <sub>20/D</sub> (c=2 in MeOH) | 13-18 (°)                        | 13.70°                           |
| Refractive index n <sub>20/D</sub>                  | 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