

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-02-08 15:22:01

Date of Next Testing: 2027-02-08 15:22:01

Product Name: **(R)-1,2,3,4-Tetrahydro-3-isoquinolinecarboxylic acid**

CAS Number: 103733-65-9

Specifications & Purity: ≥98%

Lot #: D23211635

SKU #: **R132096**

Version: **0**

Analysis #: **468105**

Storage Temperature: Room temperature

| Parameter                                              | Limit Values             | Result                   |
|--------------------------------------------------------|--------------------------|--------------------------|
| Specific Rotation [α] <sub>20/D</sub> (c=1 in 1M NaOH) | 150-160 (°)              | 155.10000 °              |
| Purity(HPLC)                                           | 98-100 (%)               | 98.50000 %               |
| Appearance (R132096)                                   | white crystalline powder | white crystalline powder |
| Proton NMR spectrum                                    | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager