

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-27 09:25:51
 Date of Next Testing: 2025-03-26 09:25:51
 Product Name: **(R)-1,2,3,4-Tetrahydro-3-isoquinolinecarboxylic acid**
 CAS Number: 103733-65-9
 Specifications & Purity: $\geq 98\%$
 Lot #: D23211627
 SKU #: **R132096**
 Version: **0**
 Analysis #: **199928**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{M NaOH})$	150-160 (°)	155.10700 °
Purity(HPLC)	98-100 (%)	98.55000 %
Appearance (R132096)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager