

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-29 09:11:26

Date of Next Testing: 2029-06-28 09:11:26

Product Name: (S)-2,3,4,9-Tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylic Acid

CAS Number: 42438-90-4

Specifications & Purity: $\geq 98\%$

Lot #: F2617396

SKU #: T170295

Version: 1

Analysis #: 643703

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.50200 %
specific rotation $[\alpha]_{20/D}(C=1, \text{MeOH}:1\text{mol/L HCl}=1:1)$	$-71 \sim -65 (^{\circ})$	-67.53700°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager