

Certificate of Analysis

Date of Testing: 2024-12-19 13:58:45

Date of Next Testing: 2026-12-19 13:58:45

Product Name: **(R)-(-)-Pyrrolidine-3-carboxylic acid**

CAS Number: 72580-54-2

Specifications & Purity: $\geq 97\%$

Lot #: C2315909

SKU #: **S134732**

Version: **2**

Analysis #: **452123**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } H_2O)}$	-22--19 (°)	-20.01°
Purity(HPLC area)	97-100 (%)	99.80 %
Appearance(S134732)	White to Off White to light yellow powder	White to Off White to light yellow powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager