

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-30 14:37:55

Date of Next Testing: 2027-08-29 14:37:55

Product Name: **trans-4-Hydroxy-D-proline hydrochloride**

CAS Number: 142347-81-7

Specifications & Purity: $\geq 97\%$

Lot #: J1930071

SKU #: **R174124**

Version: **0**

Analysis #: **259937**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4.5g/100ml\ H_2O)$	36-44 ($^{\circ}$)	41.63600 $^{\circ}$
Purity (Argentometric Titration)	96.5-103.5 (%)	99.06000 %
Appearance (R174124)	off-white powder	off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager