

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-08 10:31:54
 Date of Next Testing: 2025-02-07 10:31:54
 Product Name: **(1S,3aR,6aS)-Ethyl octahydrocyclopenta[c]pyrrole-1-carboxylate hydrochloride**
 CAS Number: 1147103-42-1
 Specifications & Purity: $\geq 95\%$
 Lot #: A2224239
 SKU #: **S189795**
 Version: **0**
 Analysis #: **063918**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.99800 %
Purity(Titration by AgNO ₃)	94.5-105.5 (%)	102.06000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (S189795)	White to off-white powder or crystal	White to Off-White Powder or Crystals



John Su
QA & QC Manager