

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-13 16:23:01
 Date of Next Testing: 2026-07-12 16:23:01
 Product Name: **Methyl (S)-piperidine-2-carboxylate hydrochloride**
 CAS Number: 18650-39-0
 Specifications & Purity: $\geq 97\%$
 Lot #: G2310565
 SKU #: **M191753**
 Version: **1**
 Analysis #: **241915**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.61100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1N \text{ HCl})$	11~-7 (°)	-8.87700 °
Appearance(M191753)	white to off-white powder to crystal	White to Off-White Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager