

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-11 11:45:34

Date of Next Testing: 2026-08-10 11:45:34

Product Name: **3-Cyclohexyl-D-alanine Methyl Ester Hydrochloride**

CAS Number: 144644-00-8

Specifications & Purity: $\geq 98\%$

Lot #: H2305023

SKU #: **C483555**

Version: **2**

Analysis #: **245480**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.00700 %
Specific rotation $[\alpha]_{20/D}(C=0.768g/100ml \text{ MeOH})$	-23.9~-19.9 (°)	-23.87000 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(C483555)	White to off-white Solid	White to off-white solid



John Su
QA & QC Manager