

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-24 18:04:10

Date of Next Testing: 2027-07-23 18:04:10

Product Name: **Methyl 4-oxopiperidine-3-carboxylate hydrochloride**

CAS Number: 71486-53-8

Specifications & Purity: $\geq 97\%$

Lot #: G2313899

SKU #: **M119136**

Version: **0**

Analysis #: **228246**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	102.68000 %
Carbon by Elemental Analysis	41.9-44.9 (%)	42.83000 %
Nitrogen by Elemental Analysis	6.9-7.5 (%)	7.15000 %
Appearance (M119136)	White to pink to purple solid	White to pink to purple solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager