

Certificate of Analysis

Date of Testing: 2023-06-07 10:16:48

Date of Next Testing: 2027-06-06 10:16:48

Product Name: **piperidin-3-one hydrochloride**

CAS Number: 61644-00-6

Specifications & Purity: 95%

Lot #: E23301167

SKU #: **P301951**

Analysis: **237007**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(Dry base)	42.04-46.46 (%)	42.34760 %
Nitrogen by Elemental Analysis(Dry base)	9.81-10.85 (%)	9.87430 %
Water by Karl Fischer	0-4 (%)	1.10 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager