



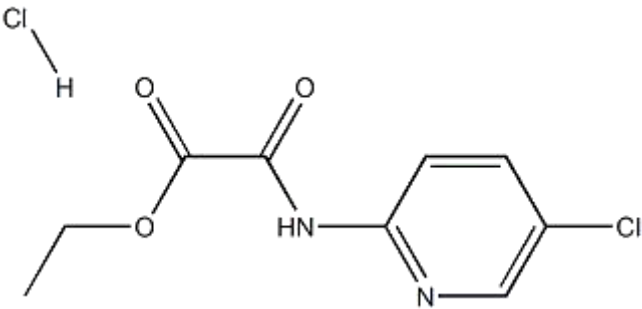
HANGZHOU DINGYAN CHEM CO.,LTD

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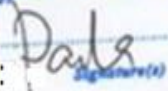
CERTIFICATE OF ANALYSIS

NO: DYC081200714

Product name	Ethyl [(5-chloropyridin-2-yl)amino]oxoacetate Hydrochloride
CAS Number	1243308-37-3
Molecule Formula	C ₉ H ₁₀ Cl ₂ N ₂ O ₃
Molecule Structure	
Batch number	20200616
Manufacture date	2020-06-16
Testing date	2020-06-16

Items	Standard	Result
Appearance	White or off-white solid	Conforms
Identification by HNMR	Correspond to the known structure	Conforms
Related substance	517-SM1, NMT 1.0%	0.05%
	517-1C, NMT 0.15%	0.01%
	517-1J, NMT 0.15%	0.07%
	Any other individual impurity, NMT 0.20%	0.01%
	Total impurities, NMT1.0%	0.2%
Water	NMT0.3%	0.1%
Residue on ignition	NMT0.3%	0.04%
Assay	98.0%-102.0%(On dried basis)	99.8%
Conclusion	Qualified	

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL: 

CHECK: 姚仙娟

INSPECTOR: 刘清风