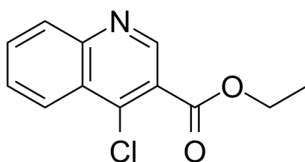


## Certificate of Analysis

### Compound Information

Product Name:	Ethyl 4-chloroquinoline-3-carboxylate
Cat. No.:	1112359
CAS No.:	13720-94-0
Molecular Formula:	C <sub>12</sub> H <sub>10</sub> ClNO <sub>2</sub>
Molecular Weight:	235.67
Chemical Structure:	



### Batch Information

Batch No.:	Lb0412037
Storage:	Storage temp. -20°C
Mfg. Date:	2018-04-12
Retest Date:	2022-04-11
Origin:	Shanghai, China

### QC Summary

Appearance:	Light brown to brown (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	97.90%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

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