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### CERTIFICATE OF ANALYSIS

Analysis Date:

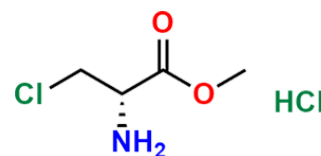
Re-test Date:

**Product Name: 3-Chloro-D-alanine methyl ester hydrochloride**

#### Identification:

Chemical Name: Methyl (S)-2-amino-3-chloropropanoate hydrochloride

Synonyms : NA  
CAS Number : 112346-82-4  
CAT Number : CP-C86003  
Molecular Formula : C<sub>4</sub>H<sub>8</sub>ClNO<sub>2</sub> : HCl  
Molecular Weight : 137.56 : 36.5



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.