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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

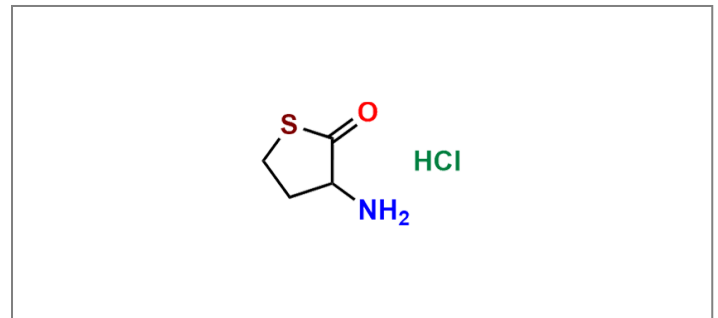
Re-test Date: Sep 2027

**Product Name: DL-Homocysteinethiolactone**

### Identification:

Chemical Name: DL-3-Aminotetrahydrothiophen-2-one Hydrochloride

Synonyms : NA  
CAS Number : 6038-19-3  
CAT Number : CP-E38005  
Molecular Formula : C<sub>4</sub>H<sub>7</sub>NOS : HCl  
Molecular Weight : 117.17 : 36.46  
Batch Number : CP-DL-HTL-1024



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	97.33%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.195%
8)	Potency by TGA	97.13%



**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.