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## CERTIFICATE OF ANALYSIS

Analysis Date:

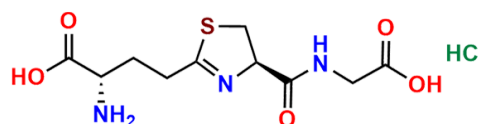
Re-test Date:

**Product Name: Glutathione Impurity 1**

### Identification:

Chemical Name: (S)-2-amino-4-((R)-4-((carboxymethyl)carbamoyl)-4,5-dihydrothiazol-2-yl)butanoic acid, hydrochloride (1:1)

Synonyms : NA  
CAS Number : 129950-91-0  
CAT Number : CP-G55006  
Molecular Formula : C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>5</sub> : HCl  
Molecular Weight : 289.31 : 36.46



### 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.