

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Acetylcysteine EP Impurity B**

### Identification:

Chemical Name: (2R)-2-Amino-3-sulfanylpropanoic acid (as per EP)

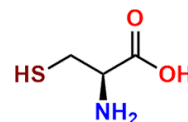
Synonyms : L-Cysteine (EP) ; Cystein ;  
Cysteine ; Thioserine ; β-  
Mercaptoalanine

CAS Number : 52-90-4

CAT Number : CP-A79002

Molecular Formula : C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>S

Molecular Weight : 121.15



### 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
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**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.