

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: Sep 2025

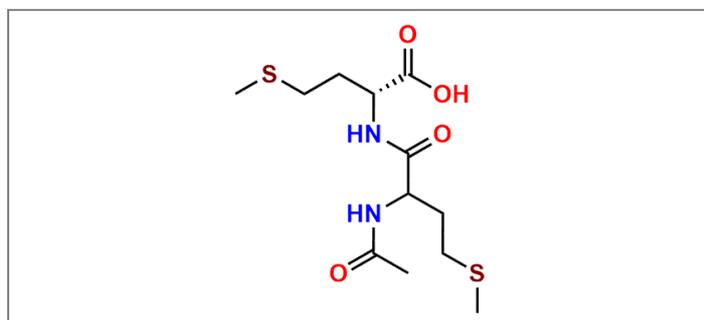
Re-test Date: Aug 2028

**Product Name: Methionine EP Impurity D**

### Identification:

Chemical Name: (2R)-2-[[[(2R)-2-(acetylamino)-4-(methylsulfanyl)butanoyl]amino]-4-(methylsulfanyl)butanoic acid (as per EP)

Synonyms : NA  
CAS Number : 1879009-96-7  
CAT Number : CP-M105021  
Molecular Formula : C<sub>12</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
Molecular Weight : 322.4  
Batch Number : CP-31-85  
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	Brown Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Assay by NMR	99.53%
5)	<sup>1</sup> H NMR	Confirm to Structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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