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## CERTIFICATE OF ANALYSIS

Analysis Date:

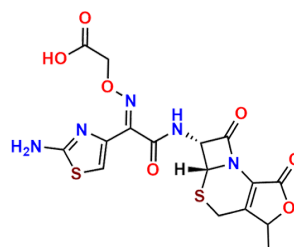
Re-test Date:

**Product Name: Cefixime Impurity 5**

### Identification:

Chemical Name: 2-((((Z)-1-(2-Aminothiazol-4-yl)-2-(((5aR,6R)-3-methyl-1,7-dioxo-1,4,5a,6-tetrahydro-3H,7H-azeto[2,1-b]furo[3,4-d][1,3]thiazin-6-yl)amino)-2-oxoethylidene)amino)oxy)acetic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-C11024  
Molecular Formula : C<sub>16</sub>H<sub>15</sub>N<sub>5</sub>O<sub>7</sub>S<sub>2</sub>  
Molecular Weight : 453.4



### 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)      | <sup>1</sup> HNMR | 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.