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## CERTIFICATE OF ANALYSIS

Analysis Date:

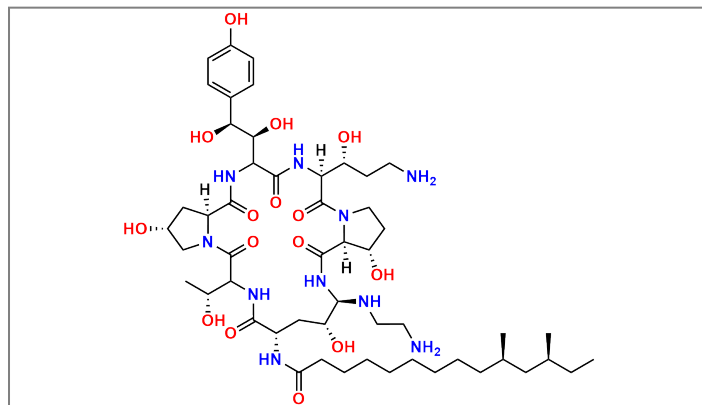
Re-test Date:

**Product Name: Caspofungin (In House Standard)**

### Identification:

Chemical Name: (10R,12S)-N-((2R,9S,11R,12R,14aS,15S,20S,25aS)-20-((R)-3-Amino-1-hydroxypropyl)-12-((2-aminoethyl)amino)-23-((1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl)-2,11,15-trihydroxy-6-((R)-1-hydroxyethyl)-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohencosin-9-yl)-10,12-dimethyltetradecanamide

Synonyms : NA  
CAS Number : 162808-62-0  
CAT Number : CP-C112000  
Molecular Formula : C<sub>52</sub>H<sub>88</sub>N<sub>10</sub>O<sub>15</sub>  
Molecular Weight : 1093.33



### 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     | >98%                     |
| 5)      | H1NMR              | Confirm to structure     |
| 6)      | IR                 | Confirm to Structure     |
| 7)      | Weight loss by TGA | -                        |
| 8)      | 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.