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 Mob- +91 9284897978

# CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

**Product Name: Vosoritide Lysin-27 Amine Acetylated**

**Identification:**

Chemical Name: (4R,10S,16S,19S,22S,28S,31S,34S,37S,40S,43S,49S,52R)-52-(2-((S)-2-((S)-2-((S)-2-(2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-2-((S)-1-(L-prolylglycyl-L-glutaminyl-L-glutamyl-L-histidyl)pyrrolidine-2-carboxamido)-4-amino-4-oxobutanamido)propanamido)-5-guanidinopentanamido)-6-aminohexanamido)-3-(4-hydroxyphenyl)propanamido)-6-aminohexanamido)acetamido)propanamido)-4-amino-4-oxobutanamido)-6-aminohexanamido)-6-aminohexanamido)acetamido)-4-methylpentanamido)-3-hydroxypropanamido)-6-aminohexanamido)acetamido)-40-(4-acetamidobutyl)-49-benzyl-28-((S)-sec-butyl)-34-(carboxymethyl)-31-(3-guanidinopropyl)-16,22-bis(hydroxymethyl)-10,37,43-triisobutyl-19-(2-(methylthio)ethyl)-6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51-hexadecaoxo-1,2-dithia-5,8,11,14,17,20,23,26,29,32,35,38,41,44,47,50-hexadecaazacyclotripentacontane-4-carboxylic acid

| | | |
|---|---|---|
| Synonyms | : | NA |
| CAS Number | : | NA |
| CAT Number | : | CP-V55019 |
| Molecular Formula | : | C178H292N56O52S3 |
| Molecular Weight | : | 4144.8 |

**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) | 1HNMR | 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.