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## Certificate of Analysis

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Product Name: CTCE 9908

Cat. No.: GC13360

Batch No.: 1

Chemical Name: (1Z,1'Z,2S,2'S)-N',N''-((2Z,4S,5Z,7S,8Z,10S,11Z,13S,14Z,16S,17Z,19S,20Z,27Z,29S,30Z,32S,33Z,35S,36Z,38S,39Z,41S,42Z,44S,45Z)-19,29-bis(3-guanidinopropyl)-2,5,8,11,14,17,20,28,31,34,37,40,43,46-tetradecahydroxy-22-(hydroxy(imino)methyl)-16,32-bis(4-hydroxy

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1030384-98-5

Molecular Formula:  $C_{86}H_{147}N_{27}O_{23}$

Molecular Weight: 1927.27

Storage: Store at -20°C

Chemical Structure:

### ANALYTICAL DATA

Appearance: solid

HNMR: Consistent with structure

HPLC: Consistent with structure

Purity: >98%

Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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