

## **Certificate of Analysis**

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**Product Name** : Deferoxamine mesylate

Cat. No. : PC-25538 CAS No. : 138-14-7 Batch No. : PC-2553801

Chemical Name : N1-(5-Aminopentyl)-N1-hydroxy-N4-(5-(N-hydroxy-4-((5-(N-

hydroxyacetamido)pentyl)amino)-4-oxobutanamido)pentyl)succinamide methanesulfonate

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{tabular}{ll} \textbf{Molecular Weight} & : & 656.79 \\ \textbf{Molecular Formula} & : & C_{26}H_{52}N_6O_{11}S \\ \end{tabular}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure : O O OH

OH OH OH OH

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## **ANALYTICAL DATA**

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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