



## **CERTIFICATE OF ANALYSIS**

Date: 30-04-2025

| Product Name                   | N-Nitroso Dexrazoxane Impurity 4   |               |         |  |
|--------------------------------|--|---------------|---------|--|
| Chemical Name                  | (2S)-4-amino-2-((2-((2-amino-2-<br>oxoethyl)(carboxymethyl)amino)propyl)(nitroso)amino)-4-oxobutanoic acid |               |         |  |
| Structure                      |  | NH2           |         |  |
| Batch No.                      | -  | CAS No.       | NA      |  |
| Analysis Date                  | 5  | Retest Date   | 5       |  |
| Mol. Formula                   | $C_{11}H_{19}N_5O_7$   | Molecular Wt. | 333.298 |  |
| Long term Storage Condition    |  |               | -       |  |
| Handling and Transit Condition |  |               | -       |  |

| Test  | Result                |  |  |  |
|---|-----------------------|--|--|--|
| Appearance  | -                     |  |  |  |
| Solubility  | -                     |  |  |  |
| 1H-NMR  | Conforms to structure |  |  |  |
| MASS  | Conforms to structure |  |  |  |
| Chromatographic purity  | >90%                  |  |  |  |
| Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this |                       |  |  |  |

analytical standard/research chemical.

|           | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature |             |            |             |
| Date      |             |            |             |

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