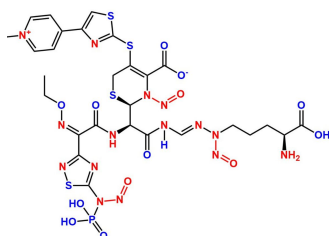


## CERTIFICATE OF ANALYSIS

Date: 09-02-2026

|                                       |                                                                                                                                                                                                                                                                                    |                                          |        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------|
| <b>Product Name</b>                   | <b>N-Nitroso Ceftaroline Fosamil Impurity 10</b>                                                                                                                                                                                                                                   |                                          |        |
| <b>Chemical Name</b>                  | (R)-2-((4Z,8R,11E,17S)-17-amino-17-carboxy-13-nitroso-5-(5-nitroso(phosphono)amino)-1,2,4-thiadiazol-3-yl)-6,9-dioxo-3-oxa-4,7,10,12,13-pentaazaheptadeca-4,11-dien-8-yl)-5-((4-(1-methylpyridin-1-ium-4-yl)thiazol-2-yl)thio)-3-nitroso-3,6-dihydro-2H-1,3-thiazine-4-carboxylate |                                          |        |
| <b>Structure</b>                      |                                                                                                                                                                                                  |                                          |        |
| <b>Batch. No.</b>                     | -                                                                                                                                                                                                                                                                                  | <b>CAS No.</b>                           | NA     |
| <b>Analysis Date</b>                  | 8                                                                                                                                                                                                                                                                                  | <b>Retest Date</b>                       | 5      |
| <b>Mol. Formula</b>                   | C <sub>28</sub> H <sub>32</sub> N <sub>15</sub> O <sub>13</sub> PS <sub>4</sub>                                                                                                                                                                                                    | <b>Molecular Wt.</b>                     | 945.87 |
| <b>Long term Storage Condition</b>    |                                                                                                                                                                                                                                                                                    | Store at 2-8 °C in well closed container |        |
| <b>Handling and Transit Condition</b> |                                                                                                                                                                                                                                                                                    | 25-30 °C in well closed container        |        |

| Test                                                                                                                                                                                                                            | Result                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Appearance                                                                                                                                                                                                                      | -                     |
| Solubility                                                                                                                                                                                                                      | -                     |
| <sup>1</sup> H-NMR                                                                                                                                                                                                              | Conforms to structure |
| MASS                                                                                                                                                                                                                            | Conforms to structure |
| Chromatographic Purity                                                                                                                                                                                                          | >90%                  |
| <b>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.</b> |                       |

|                  | Prepared By | Checked By | Approved By |
|------------------|-------------|------------|-------------|
| <b>Signature</b> |             |            |             |
| <b>Date</b>      |             |            |             |

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