

**Cefoperazone (i88008)**

Cephalosporin antibiotics with a broad spectrum of action.

|                         |                                                                              |                         |              |
|-------------------------|------------------------------------------------------------------------------|-------------------------|--------------|
| <b>CAS Number</b>       | 62893-19-0                                                                   | <b>EC Number</b>        | 263-749-4    |
| <b>Formula</b>          | C <sub>25</sub> H <sub>27</sub> N <sub>9</sub> O <sub>8</sub> S <sub>2</sub> | <b>Molecular Weight</b> | 645.666g/mol |
| <b>Expiration Date*</b> | 1 Year                                                                       |                         |              |

\*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

**Storage** Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

| <b>Test</b>   | <b>Specification</b>        |
|---------------|-----------------------------|
| Appearance    | White to pale yellow powder |
| Assay (HPLC)  | Min. 87.0-101.5%            |
| Water Content | Max 6.0%                    |
| Melting point | 188-190°C                   |