# Product Information

## CMS2648 Bacitracin zinc salt

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>CMS2648</td>
<td>1G</td>
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### Product Information

- **Product Code**: CMS2648
- **Product Name**: Bacitracin zinc salt
- **Synonym**: Zinc bacitracin
- **Molecular Formula**: \( \text{C}_{66}\text{H}_{101}\text{N}_{17}\text{O}_{16}\text{SZn} \)
- **Molecular Weight**: 1486.07
- **CAS No.**: 1405-89-6
- **EC No.**: 215-787-8
- **HS Code**: 29419000
- **Shelf Life**: 3 years

### Technical Specification

- **Appearance**: White to beige hygroscopic crystals or powder
- **Solubility**: 33.3 mg soluble in 1 mL of 1N hydrochloric acid
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting range**: \(~250°C\) (dec.)
- **Zinc content (EDTA Titration)**: 2.00 - 10.00%
- **Potency**: min. 60,000 Units/g

### Risk and Safety Information

- **WGK**: 3
- **Storage Temperature(°C)**: Store at 2 - 8°C

### Transport Information

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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