

# Specification

## Technical Data Sheet

|                               |  |
|-------------------------------|--|
| <b>Product Name</b>           | Trimethoprim   |
| <b>Product No</b>             | 20124481   |
| <b>CAS Number</b>             | 738-70-5   |
| <b>Storage Temperature</b>    | 2 to 8 °C  |
| <b>Molecular Weight</b>       | 290.32   |
|                               | <b>Specification</b>                                   |
| <b>Appearance</b>             | A white or yellowish-white powder                      |
| <b>Heavy metals</b>           | ≤20ppm   |
| <b>Loss on Drying</b>         | ≤1.0%  |
| <b>Melting Point</b>          | 199 - 203°C  |
| <b>Appearance of Solution</b> | Not more intensely colored than reference solution BY7 |
| <b>Assay</b>                  | 98.5 - 101%  |
| <b>Infrared Absorption</b>    | In accordance with the spectrum of trimethoprim EPCRS  |

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**Related Substances**

≤0.2%

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**Solubility**

Very slightly soluble in water, slightly soluble in alcohol,  
practically insoluble in ether

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**Sulfated ash**

≤0.1%

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