

Certificate of Analysis

Trimethoprim

Catalog No.: i88023

Lot No.: -

CAS No.: 738-70-5

EC No.: 212-006-2

Formula: C₁₄H₁₈N₄O₃

Molecular Weight: 290.32 g/mol

Shelf life: -

Expiration Date*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White to light yellowish crystalline powder	Conforms
<i>pH</i>	no data available	-
<i>Density</i>	no data available	-
<i>Melting point</i>	no data available	-
<i>Solubility in water</i>	400 mg/L	Conforms
<i>Solubility in DMSO**</i>	50 g/l	Conforms
<i>Assay (HPLC)</i>	≥ 98.5-101.0%	Conforms
<i>Loss on drying</i>	≤ 0.1%	Conforms

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

QC Department

*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.

** DMSO: Dimethyl sulfoxide.