

Certificate of Analysis

Cephalexin

Catalog No.: i88047

Lot No.: -

CAS No.: 15686-71-2

EC No.: 239-773-6

Formula: $C_{16}H_{17}N_3O_4S \cdot xH_2O$

Molecular Weight: 347.39 g/mol

Shelf life: -

Expiration Date*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White powder	Conforms
<i>pH</i>	no data available	-
<i>FTIR</i>	Matches with the standard pattern	Conforms
<i>Assay (NT/GC/HPLC)</i>	97.00 - 101.00%	Conforms
<i>Total impurities (HPLC)</i>	max 3%	Conforms
<i>Solubility</i>	10 mg soluble in 10 mL of water	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.

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