

# Certificate of Analysis

## Erythromycin

Catalog No.: i88025

Lot No.: -

CAS No.: 114-07-8

EC No.: -

Formula:  $C_{37}H_{67}NO_{13}$

Molecular Weight: 733.93 g/mol

Shelf life: -

Expiration Date\*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White crystalline powder	Conforms
<i>pH</i>	no data available	-
<i>Density</i>	no data available	-
<i>Melting point</i>	133-135°C	Conforms
<i>Solubility in water</i>	2 mg/ml	Conforms
<i>Assay (HPLC)</i>	96.3	Conforms
<i>Residue on ignition</i>	Max. 1.0%	Conforms
<i>Erythromycin A enol ether</i>	Max. 3.0%	Conforms
<i>Erythromycin B</i>	Max. 12.0%	Conforms
<i>Erythromycin C</i>	Max. 5.0%	Conforms
<i>Water content</i>	Max. 10.0%	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.