

Certificate of Analysis

Imipenem monohydrate

Catalog No.: i88036

Lot No.: -

CAS No.: 74431-23-5

EC No.: 264-734-5

Formula: $C_{12}H_{19}N_3O_5S$

Molecular Weight: 317.36 g/mol

Shelf life: -

Expiration Date*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White to light yellow to yellow-brown powder	Conforms
<i>pH</i>	no data available	-
<i>Melting Point</i>	193-198°C	Conforms
<i>Assay</i>	Min. 95.0%	Conforms
<i>Water Content</i>	Max. 8.0 %	Conforms
<i>FT-IR Spectrum</i>	Conforms to Standards	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.