

Certificate of Analysis

Clindamycin hydrochloride

Catalog No.: i88018

Lot No.: -

CAS No.: 21462-39-5

EC No.: 244-398-6

Formula: $C_{18}H_{33}ClN_2O_5S.HCl$

Molecular Weight: 461.44 g/mol

Shelf life: -

Expiration Date*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White Crystalline Powder	Conforms
<i>pH</i>	no data available	Conforms
<i>Density</i>	no data available	Conforms
<i>Melting Point</i>	141 °C	Conforms
<i>Solubility</i>	50 g/l	Conforms
<i>Assay(HPLC)</i>	Min. 94.0%	Conforms
<i>Specific Optical Rotation</i> [α] _D (c = 2 in water; 20 °C)	141.7	Conforms
<i>¹H-NMR Spectrum</i>	Conforms to Standards	Conforms

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

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