

Certificate of Analysis

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Product Name : Lenampicillin hydrochloride

Cat. No. : PC-42178
CAS No. : 80734-02-7
Batch No. : PC-4217801

Chemical Name : 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[(2R)-2-amino-2-

phenylacetyl]amino]-3,3-dimethyl-7-oxo-, (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester,

hydrochloride (1:1), (2S,5R,6R)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 497.9492 \\ \textbf{Molecular Formula} & \textbf{:} & C_{21} H_{24} \text{CIN}_3 \text{O}_7 \text{S} \\ \end{array}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure :

ANALYTICAL DATA

Appearance : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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