

## **Certificate of Analysis**

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**Product Name** : Idarubicin hydrochloride

 Cat. No.
 : PC-45203

 CAS No.
 : 57852-57-0

 Batch No.
 : PC-4520301

**Chemical Name** : 5,12-Naphthacenedione, 9-acetyl-7-[(3-amino-2,3,6-trideoxy-α-L-lyxo-hexopyranosyl)oxy]-

7,8,9,10-tetrahydro-6,9,11-trihydroxy-, hydrochloride (1:1), (7S,9S)-

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 533.9548 \\ \textbf{Molecular Formula} & \textbf{:} & C_{26} H_{28} \text{CINO}_9 \\ \end{array}$ 

**Storage** : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

**Chemical Structure** :

## **ANALYTICAL DATA**

Appearance : Solid powder

<sup>1</sup>H NMR Spectrum : Consistent with

HPLC : Consistent with

NP : Consistent with

Purity (HPLC and/or LCMS) : >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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