Certificate of Analysis

HP-β-CD

Cat. No.: HY-101103
CAS No.: 128446-35-5
Batch No.: 35385

Chemical Name: β-Cyclodextrin, 2-hydroxypropyl ethers

PHYSICAL AND CHEMICAL PROPERTIES

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

 Purity:
 99.74%

 Loss on Drying:
 3.1 %

 $\begin{tabular}{llll} \mbox{Conductivity:} & 53.1 \ \mu\mbox{S/cm} \\ \mbox{Betadex:} & 0.2 \ \% \\ \mbox{Total Plate Count:} & < 10 \ \mbox{cfu/g} \\ \end{tabular}$

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

Caution: Product has not been fully validated for medical applications. For research use only.

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