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Certificate of Analysis

Product Name 2-Hydroxypropyl-beta-cyclodextrin, USP

grade

 Glentham Code
 GE3201

 CAS Number
 128446-35-5

 EINECS
 420-920-1

 MDL Number
 MFCD00069372

 Additional CAS
 94035-02-6

 Batch Number
 240TKV

Molecular Weight N/A
Molecular Formula N/A
Storage Temp. +20°C

HO CH₃

HO OH OH

HO OH

HO

Property Specification Batch 240TKV **Physical Description** White or almost white crystalline powder White crystalline powder To conform to standard Identification (IR) Conforms Solubility (50% in water) Clear solution Conforms Heavy Metals Conforms ≤ 20ppm Loss on Drying ≤ 10.0% 3.6% Conductivity ≤ 200µS/cm (10% in water) 66µS/cm 0.34% Betadex ≤ 1.5% Any Other Individual Impurity ≤ 0.25% Conforms **Total Other Impurities** ≤ 1.0% Conforms ≤ 2.5% 0.05% Propylene Glycol Conforms Propylene Oxide ≤ 1ppm Molar Substitution Reported 0.7 **Total Aerobic Microbial Count** ≤ 1000CFU/g ≤ 10CFU/g Total Combined Yeast and Mould Count ≤ 100CFU/g ≤ 10CFU/g Pharmacopoeia Specification(s) Conforms

Specification Version v1.0

Manufacture Date 2022-03-12

Re-Test Date 2030-02-12

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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