



Specifications

Hydroxypropyl beta-Cyclodextrin USP

Catalog Number: HB1001
CAS Number: 128446-35-5, 94035-02-6
Molecular Formula: $C_{42}(H)_{70-n}O_{35}(C_3H_7)_n$
Molecular Weight: N/A
Storage: 15°C – 30°C
Retest Date: Two years after date of manufacture.

Test	Specification
Appearance	White crystalline powder
Purity	≥ 98.0%
Molar Substitution	0.40 – 1.50
Identification (FTIR)	To match reference standard
Clarity of Solution (50%)	Clear
Moisture (LOD)	≤ 10%
Residue on Ignition	≤ 0.2%
Conductivity (10%)	≤ 200μS/cm
Chloride	≤ 0.05%
Propylene Oxide	≤ 1ppm
Propylene Glycol	≤ 2.5%
Betadex	≤ 1.5%
Sum of Other Impurities	≤ 1%
Heavy Metal	≤ 20ppm
Total Aerobic Count	≤ 1,000cfu/g
Total Yeast & Mold Count	≤ 100cfu/g
<i>E. coli</i>	Negative
<i>Salmonella</i>	Negative

Approved by:

Date: January 16, 2019

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