

## **Gojira Fine Chemicals, LLC**

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

## **Specifications**

## Hydroxypropyl beta-Cyclodextrin USP

Catalog Number: CAS Number: Molecular Formula: Molecular Weight: Storage: Retest Date:

HB1001 128446-35-5, 94035-02-6  $C_{42}(H)_{70-n}O_{35}(C_{3}H_{7})_{n}$ N/A 15°C – 30°C 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
E. coli	Negative
Salmonella	Negative

Approved by:

John grubb

Date: January 16, 2019

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For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.