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Certificate of Analysis

Product Description: Hydroxypropyl-beta-cyclodextrin
Catalog Number: 153540
Lot: QR15422

Formula: $(C_6H_9O_5)_x \cdot (C_3H_7O)_x$ (complete on the inspection record)
CAS #: 94035-02-6
Physical Description: White Powder

Formula Weight: (complete on the inspection record)
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference

Degree of Substitution: 0.8
Propylene Glycol: <5.0%
Unsubstituted Cyclodextrin: <1.0%
Residue on Ignition: <2.5%
Water: 3.3%
Recommended Retest Date: 04/08/2020



04/12/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)