

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Cefoperazone Sodium Salt, USP_

Catalog Number: 199695_

Lot: M2169_

Formula: C₂₅H₂₆N₉NaO₈S₂

CAS #: 62893-20-3

Physical Description: White Powder

Formula Weight: 667.65

Storage: +4°C

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Assay	870 - 1015 µg/mg	953 µg/mg
Crystallinity	Passes	Passes
pH (1 in 4)	4.5 - 6.5	5.5
Water	≤5.0%	4.1%

Bacterial endotoxins: Passes

Sterility: Pass

Particle matter: #10 µm; #2000 pc/g - #25 µm; #200 pc/g

07/21/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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