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Certificate of Analysis

Product Description: Fosmidomycin, Sodium Salt, NeuroPure_

Catalog Number: 180936_

Lot: Q7688_

Formula: $C_4H_9NNaO_5P$

CAS #: 66508-37-0

Physical Description: Off-White Solid

Formula Weight: 205.08

Storage: -20°C, desiccate, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#95%	95%

Melting Point: >92°C (dec.)

TLC (Acetonitrile: Water: Acetic Acid =8 :2: 0.1): Visualized with AMCS and $KMnO_4$, Single spot, $R_f=0.35$

1H -NMR and MS conform to structure

Elemental analysis:

- C: 22.13%

- H: 4.23%

- N: 6.37

Recommended Retest Date: 10/25/2019

10/13/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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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)