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Certificate of Analysis

Product Description: Casein Hydrolysate, Vitamin free, Salt free.

Catalog Number: 104778.

Lot: Q3480.

Formula: N/A

CAS #: N/A

Physical Description: Off white powder

Formula Weight: N/A

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to reference
pH (2% solution)	6.0 - 7.0	6.05
Water Content	≤3%	2.65 %
Color (2% solution)	≥ 55% Light Transmission at 450 nm	Passes

Residue on ignition: 0.0%

Sodium Chloride: 0.3%

Enterobacteriaceae: <10 cfu/g

Total Nitrogen (Kjeldahl): 13%

Amino Nitrogen (titr): 10%

AN/TN: 77.9

Salmonella: Absent

Clarity: 0.09

Total Aerobic Microbial Count: 120 cfu/g

Substrate: New Zealand casein

Recommended Retest Date: 01/20/2019

01/19/2016 - John Huang, PhD

MP Biomedicals, LLC.
Quality Control Manager

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<http://www.mpbio.com>

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

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