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Certificate of Analysis

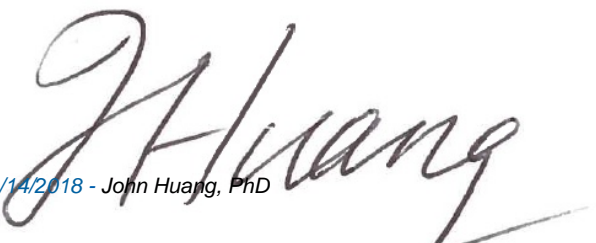
Product Description: Casein Hydrolysate, Vitamin free, Salt free_
Catalog Number: 104778_
Lot: S0545_

Formula: N/A
CAS #: N/A
Physical Description: Off White to Cream-Colored Powder

Formula Weight: N/A
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
pH (2% solution)	6.0 - 7.0	6.19
Water Content	≤3%	2.78%
Color (2% solution)	≥ 55% Light Transmission at 450 nm	94.4%

Residue on ignition: 1%
Sodium Chloride: 0.6%
Enterobacteriaceae: <10 cfu/g
Total Nitrogen (Kjeldahl): 14%
Amino Nitrogen (titr): 11%
AN/TN: 80.7%
Salmonella: Absent
Clarity: 0.41-0.43 NTU
Total Aerobic Microbial Count: <10 cfu/g
Substrate: New Zealand casein
Recommended Retest Date: 01/01/2022



12/14/2018 - John Huang, PhD

MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document

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<http://www.mpbio.com>

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)