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Certificate of Analysis

Product Description: Casein Sodium Salt Catalog Number: 902896 Lot: CR220812

Formula: N/A CAS #: 9005-46-3 Physical Description: Off-White Powder	Formula Weight: N/A Storage: 15 - 30°C
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Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	6.5 - 7.5	6.8
Solubility (1% aq soln)	Cloudy Solution	Cloudy Solution
Loss on Drying	≤6%	5.01%
Ash	≤5%	3.6%
Fat	≤2%	0.5%
Protein	≥92%	96.4% (dry basis)
<i>E. coli</i>	≤10/g	<1 cfu/g
Salmonella/25g	Negative	Negative
<i>Staph. aureus</i>	≤10/g	<10 cfu/g
Coliform	≤10/g	Not Detected

Lactose Monohydrate: 0.12%
Total Heavy Metals: <3 ppm
Lead: <0.01 ppm
Calcium: 0.086%
Sodium: 1.21%
Aluminum: <1.00 ppm
Inhibitory Substances: <0.0025 IU/mL
Pesticides: Not Detected
Foreign Matter: Not Detected
Bulk Density: 0.48 g/mL

Particle Size Retained (250 um): 0.1%
Aerobic Plate Count: <10 cfu/g
Yeast and Mold: <10 cfu/g
Listeria: Not Detected
Flavor: Typical
Scorched Particles: A
Recommended Retest Date (MM/DD/YYYY): 11/11/2023



08/16/2022 - Lily Liu
MP Biomedicals, LLC.
QM

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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)