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Certificate of Analysis

Product Description: Alphacel, Hydrolyzed
Catalog Number: 900454
Lot: Q3195**Formula:** N/A
CAS #: 9004-34-6
Physical Description: Fine White Powder**Formula Weight:** N/A
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
pH	5.5 - 7.0	6.25
Moisture	3.0 - 5.0%	3.59%

Loose Bulk Density: 0.28 g/cc
DP (ID B USP, EP) (ID 3 JP): 232 units
Conductivity: 59 uS/cm
Residue on Ignition: 0.01%
Water Soluble Substances: 6.1 mg/5 gm
Water Soluble Substances: 0.12%
Heavy Metals: $\leq 0.001\%$
Ether soluble substances: 0.0 mg/10 g
Air Jet Particle Size (+ 60 mesh): 0.0%
Air Jet Particle Size (+ 200 mesh): 16%
P.S.D., Malvern LD:
- d10: 21 μm
- d50: 54 μm
- d90: 121 μm
Total Aerobic Microbial Count: ≤ 100 cfu/ gm
Total Yeast & Mold Count: ≤ 20 cfu/ gm
Salmonella: Absent/10g
E.coli: Absent/10g
Staphylococcus aureus: Absent/10g
Pseudomonas aeruginosa: Absent/10g
Coliform Speciest: Absent/10g
Recommended Retest Date: 06/14/2019



11/09/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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