

Certificate of Analysis

Product Description: Agar_
Catalog Number: 4019012_
Lot: QR14074_

Formula: N/A
CAS #: N/A
Physical Description: Tan Powder

Formula Weight: N.A
Storage: 15-30°C

Test	Specification	Result
Identity Test	Passes	Passes

Melting Point: 88.6° c
Ash: 4.2%
Water: 9.2%
Gel Strength (1.5% soln, post autoclaving): 800 g/cm²
Gel Point (1.5% soln): 34.6°C
Solubility (1.5% soln) post autoclave: Clear, Colorless Solution
Sieve: >95% thru 60 mesh
Arsenic: <3 ppm
Lead: <5 ppm
Mercury: <1 ppm
Cadmium: <1 ppm
Total heavy metals: <20 ppm
Turbidity NTU:
- before autoclaving: 5.0
- after autoclaving: 4.9
pH in gel:
- before autoclaving: 7.35
- after autoclaving: 7.17
Colorimetry (Absorbance 450 nm):
- before autoclaving: 0.179
- after autoclaving: 0.181
Total plate count: <5000 cuf/g
Coliforms, Staphylococci, Salmonella: Absent
Gel Strength (before autoclaving): 790 g/cm²

Recomended Retest Date: 06/30/2017

05/12/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)