

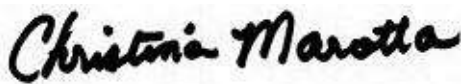
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Certificate of Analysis

Product Description: Lecithin, Soybean
Catalog Number: 151539
Lot: M3482**Formula:** N/A
CAS #: 8002-43-5
Physical Description: Waxy Orange Clumpy Solid**Formula Weight:** N/A
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥90%	95.8%
Source	Soybeans	Soybeans

Phosphatidylethanolamine: <0.1%
N-Acylphosphatidylethanolamine: <0.1%
Lysophosphatidylcholine: 0.4%
Phosphatidylinositol: <0.1%
Phosphor: 3.9%
Nonpolar Lipide: 1.5%
DL-alpha-Tocopherol: 0.19%
Water (KF): 0.7%
Ethanol: <0.2%
Free Fatty Acids: 0.5%
Peroxide Number: 0
Iodide Number: 101
Endotoxin: <0.7 EU/g
Heavy metals: <10 ppm
Triglycerides: 0.7%
E. coli: Negative
Salmonella: Negative
Mold/Yeast: Not Detected
Staphylococcus aureus: Negative
Pseudomonas aeruginosa: Negative

02/24/2012 - Christina Marotta
MP Biomedicals, LLC.

Technical Director

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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)