



Certificate of Analysis Lot# V6313

Biovaplex®

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Product Name: **Biovaplex®** SKU: 322
 Source: Chicken Egg Membrane Powder
 Physical Description: Soluble, off white powder.
 Date of Manufacture: November 8, 2016

Expiration Date: November 8, 2020

TEST	SPECIFICATION	RESULT	METHOD
Total Protein	≥ 85.00%	91.7	Combustion - AOAC 990.03; 992.15
Ash	≤ 10.00%	5.03	Residue on Ignition - AOAC 942.05
Moisture	≤ 10.00%	5.7	Loss on Drying - AOAC 925.09
Water Activity	≤ 0.3	0.123	Vapor Pressure at 25°C
pH	6.5-7.6	6.91	10% @ 25°C - EPA 150.1
Aerobic Plate Count	≤ 10,000 cfu/g*	pass	CMMEF, 4th Ed., 2001, Method 7.6
Salmonella	negative/25g	pass	PCR - AOAC 2003.09
Enterobacteriaceae	≤ 10 cfu/g	pass	Petrifilm - AOAC 2003.01
Lead	≤ 10 ppm	0.02	AOAC 986.15
Mercury	≤ 0.1 ppm	0.010	AOAC 986.15
Arsenic	≤ 2 ppm	0.02	AOAC 986.15
Cadmium	≤ 2 ppm	0.01	AOAC 986.15
Flourine	≤ 150 ppm	5.00	AOAC 987.08
Solubility	Soluble in water	pass	10% sol. @ 25°C

Verified by John H. Beckwith - QC Date 12-8-2016
 FOR RESEARCH OR MANUFACTURING USE ONLY

*To provide the best and most consistent quality information, Biova utilizes a three tier sampling plan for microbiological testing. These specifications represent the established limits for result criteria. Biova reserves the right to change specifications in the interest of continued quality improvement.