CERTIFICATE OF ANALYSIS

PRODUCT: **GREEN LIPPED MUSSEL POWDER**
CODE: 026 41021A EXP: 09-2029
LOT #: MVFB03

Botanical name:	*Perna canaliculus*		
Origin:	New Zealand		
Mesh size:	Pass 60-80 Mesh		
Description	**Specification**	**Result**	**Method**
Description :	Powder	Conforms	Organoleptic
Color :	Light brown to green	Conforms	Organoleptic
Odor &Taste:	Characteristic	Conforms	Organoleptic
Loss on drying :	NMT 10% w/w	3.05%	USP 731
Fat:	NMT15%	12.1%	USP
Fatty Acid :	NMT 4%	3.19%	USP
Protein:	NLT 40%	54.2%	Kjeldahl Method
Chondroitine sulfate	NLT 50 mg/kg	76 mg/kg	HPLC
Mucopolysaccharide	NLT 18%	18.35%	UV
Total Ash:	NMT 26.5% w/w	14.3%	USP 561
Bulk density:	NMT 0.35 to 0.60 g/ml	0.55 g/ml	USP 616
Tapped density:	NMT 0.50 to 0.70 g/ml	0.67 g/ml	USP 616
Heavy metals:			
Total heavy metals	NMT 10ppm	complies	USP 231
Lead:	NMT 5 ppm	0.381 ppm	USP 232
Arsenic:	NMT 3 ppm	1.37 ppm	USP 232
Cadmium:	NMT 3 ppm	0.962 ppm	USP 232
Mercury:	NMT 3 ppm	0.039 ppm	USP 232
Microbiological Analysis:			
Total Plate Count:	≤100 000 cfu/g	9720 cfu/g	USP 2021
Mold & Yeast:	≤1 000 cfu/g	12 cfu/g	USP 2021
E. Coli:	NMT 10 cfu/g	Not Detected	USP 2022
Salmonella:	Absent	Not Detected	USP 2022
Faecal coliforms	NMT 3cfu/g	Not Detected	USP 2021
Enterobacterial:	NMT 100 cfu/g	Not Detected	USP 2021

Store in a cool and dry place. Keep away from strong light and heat.

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product. The information contained herein should not be construed as permission for violation of patent rights.