

Certificate of Analysis

Date of Testing: 2023-04-01 15:55:50

Date of Next Testing: 2027-03-31 15:55:50

Product Name: **Phycocyanin (freeze-dried powder)**

CAS Number: 11016-15-2

Specifications & Purity: Amax/A280 $\geq$ 3.0

Lot #: C2320357

SKU # **P573174**

Version **1**

Analysis #: **180814**

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Purity(Amax/A280)	≥ 3	3.20000
Loss on drying	0-7 (%)	4.80 %
Lead(Pb)	0-1 (ppm)	0.30 ppm
(As)Arsenic	0-1 (ppm)	0.10 ppm
Cadmium(Cd)	0-0.1 (ppm)	0.01 ppm
Mercury(Hg)	0-0.2 (ppm)	0.01 ppm
Total colony count	≤ 1000 (CFU/g)	800.00000 cfu/g
Mold	≤ 300 (CFU/g)	200.00000 cfu/g
Coliform bacteria	≤ 20 (cfu/g)	10.00 cfu/g
Molecular weight(Monomer)	36000-44000 (da)	40000.00000 Da
Appearance(P573174)	Blue powder	blue powder
Salmonella	Pass	Pass



John Su
QA & QC Manager