



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-499343
Lot Number: SAMPLE
Product Name: C-PC (C-Phycocyanin)
CAS Number: 11016-15-2
Molecular Formula:
Molecular Weight: 70,000-110,000

Test	Specification	Result
Appearance	Blue liquid	Complies
Formulation		Protein suspension in 60% ammonium sulfate, 50 mM potassium phosphate (pH 7.0)
Concentration		20 mg/mL
Absorbance Ratio	$A_{620}/A_{280} = \geq 4.0$	$A_{620}/A_{280} = 4.4$
	$A_{651}/A_{620} = \leq 0.4$	$A_{651}/A_{620} = 0.19$
Absorption	$\lambda_{\max} = 620 \pm 2 \text{ nm}$	$\lambda_{\max} = 620 \text{ nm}$
Emission Spectrum	$\lambda_{\max} = 639 \pm 2 \text{ nm}$	$\lambda_{\max} = 639 \text{ nm}$

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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