Phycocyanin

— · CAS 11016-15-2 · Phycocyanin, blue powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Phycocyanin, blue powder	—	11016-15-2	≥25.0%
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
UV/Vis spectrophotometry and protein assay	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Phycocyanin specified at ≥25% by UV/Vis with ≥50% protein; the pigment figure, the protein figure and the source are the specification.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Phycocyanin (UV/Vis)	≥25.0%	As stated
Protein	≥50.0%	As stated
Ash	≤8.0%	As stated
Appearance	Blue, free-flowing powder	As stated
Identification	UV/Vis spectrum conform	As stated
Moisture	≤7.0%	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 80 mesh	As stated
Marker set	Phycocyanin ≥25% (UV/Vis); protein ≥50%	Identity
Solubility	Soluble in water; the solution is deep blue.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request

PACKING

- 1 kg foil pouch

STORAGE

• 25 kg fiber drum	Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · nutrition.rainwoodbio.com