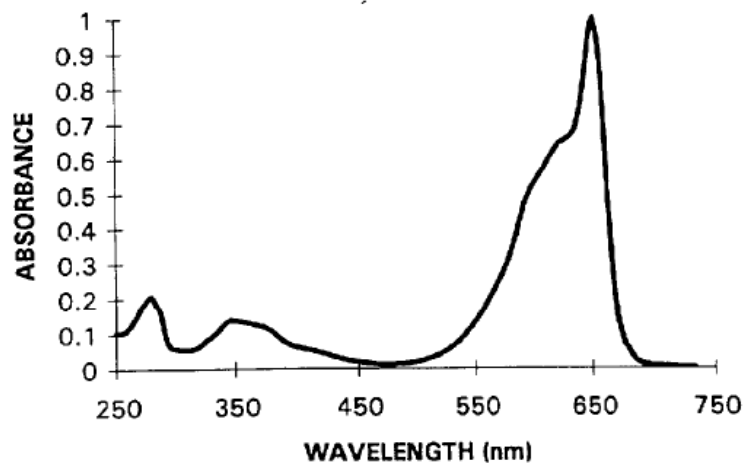


Allophycocyanin (APC)

Catalog No:	D-9502
Quantity Size:	5mg, 10mg
Purity:	$A_{\lambda_{max}}/A_{280} > 4.0$; $A_{\lambda_{max}}/A_{620} > 1.25$;
FORMULATION:	Protein suspension in 60% ammonium sulfate 50 mM potassium phosphate (pH 7.0)
Concentration:	>20.0 mg/ml
Storage:	Store at 2-8EC in the dark. DO NOT FREEZE.

**Absorbance
Spectrum:**



Absorbance Maximum: 648-652 nm

Emission Maximum: ~660 nm

Description

Allophycocyanin (APC) is a phycobiliprotein isolated from *Spirulina* sp., a blue-green alga. Like other phycobiliproteins, APC is fluorescent, with an extremely high absorptivity and a high quantum efficiency. It is a protein which can be easily linked to antibodies and other proteins by conventional protein cross-linking techniques without altering its spectral characteristics.