

Certificate of Analysis

HomeALG Allophycocyanin (APC)

<u>PO No.</u>	HA-203
<u>Lot No.</u>	
<u>Concentration</u>	(>20.0 mg/ml)
<u>Store at</u>	2-8°C
<u>Expiration date</u>	Jan. 2027
<u>Handling</u>	Avoid exposure to heat and light.
<u>Buffer</u>	60% ammonium sulfate in 100 mM sodium phosphate buffer pH 7.0 with 2 mM EDTA, 2 mM sodium azide.
<u>Note</u>	For research use only, not for diagnostic or therapeutic use.
<u>Method</u>	The material concentration was measured in 100 mM sodium phosphate buffer pH 7.0 with 2 mM sodium azide. The reported result is the average over all dilutions and all readings.
<u>Reconstitution</u>	Before use, centrifuge the APC suspension at 10,000g for 10 min at 4°C. Discard the supernatant and resuspend the pellet (APC) into the desired buffer. Desalt the sample using either Sephadex G-25 or dialysis use with at least two changes of desired buffer.
<u>Results</u>	A651/A280 = 5.27 ; (purity spec. > 5.0) A651/A620 = 1.58 ; (purity spec. > 1.5)
<u>Package</u>	
<u>Performed by</u>	Sign: