

# Certificate of Analysis

## HomeALG Cross-Linked Allophycocyanin (CL-APC)

<b><u>PO No.</u></b>	HA-204E
<b><u>Lot No.</u></b>	2320402115
<b><u>Concentration</u></b>	23.4 mg/ml
<b><u>Store at</u></b>	2-8°C
<b><u>Expiration date</u></b>	Jan. 2028
<b><u>Handling</u></b>	Avoid exposure to heat and light.
<b><u>Buffer</u></b>	60% ammonium sulfate in 100 mM sodium phosphate buffer pH 7.0 with 2 mM EDTA, 2 mM sodium azide.
<b><u>Note</u></b>	For research use only, not for diagnostic or therapeutic use.
<b><u>Method</u></b>	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.
<b><u>Reconstitution</u></b>	Before use, centrifuge the CL-APC suspension at 10,000g for 10 min at 4°C. Discard the supernatant and resuspend the pellet (CL-APC) into the desired buffer. Desalt the sample using either Sephadex G-25 or dialysis use with at least two changes of desired buffer.
<b><u>Results</u></b>	A650/A620 = 1.51 ; (purity spec. > 1.5) A650/A280 = 5.21 ; (purity spec. > 5.0) Cross-link ratio = 1.27 ; (purity spec. > 1.2)
<b><u>Package</u></b>	4.487 ml (105 mg)/bottle; total: 2940 mg in 28 bottle 2.243 ml (52.5 mg)/bottle; total: 210 mg in 4 bottle
<b><u>Performed by</u></b>	Date: Jan. 20, 2026    Sign: 