

Certificate of Analysis

HomeALG B-phycoerythrin (B-PE)

<u>PO No.</u>	HA-205
<u>Lot No.</u>	23205015501
<u>Concentration</u>	20.4 mg/ml
<u>Store at</u>	2-8°C
<u>Expiration date</u>	Sep. 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 B-PE suspension at 10,000g for 10 min at 4°C. Discard the supernatant and resuspend the pellet (B-PE) 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>	A620/A545 = 0.001 ; (purity spec. < 0.005) A565/A545 = 0.97 ; (purity spec. < 1.050) A545/A280 = 5.77 ; (purity spec. > 5.5)
<u>Package</u>	3.97 ml/, total: 105 mg in bottle 2.58 ml/, total: 52.5 mg in bottle 0.515 ml/, total: 10.5 mg in tube 0.103 ml/, total: 2.1 mg in tube
<u>Performed by</u>	Date: Oct. 16-2025 Sign: 