

# Certificate of Analysis

HomeALG R-phycoerythrin (R-PE)

<b><u>PO No.</u></b>	HA-201
<b><u>Lot No.</u></b>	
<b><u>Concentration</u></b>	(>20.0 mg/ml)
<b><u>Store at</u></b>	2-8°C
<b><u>Expiration date</u></b>	Feb. 2027
<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 R-PE suspension at 10,000g for 10 min at 4°C. Discard the supernatant and resuspend the pellet (R-PE) 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>	A620/A565 = 0.001 ; (purity spec. < 0.005) A565/A497 = 1.44 ; (purity spec. < 1.5) A565/A280 = 5.76 ; (purity spec. > 5.7)
<b><u>Package</u></b>	
<b><u>Performed by</u></b>	Sign: