

# Certificate of Analysis

HomeALG B-phycoerythrin (B-PE)

**PO No.** HA-205

**Lot No.**

**Concentration** (>20.0 mg/ml)

**Store at** 2-8°C

**Expiration date** Nov. 2026

**Handling** Avoid exposure to heat and light.

**Buffer** 60% ammonium sulfate in 100 mM sodium phosphate buffer pH 7.0 with 2 mM EDTA, 2 mM sodium azide.

**Note** For research use only, not for diagnostic or therapeutic use.

**Method** 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.

**Reconstitution** 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.

## **Results**

A620/A545 = 0.002 ; (purity spec. < 0.005)

A565/A545 = 0.97 ; (purity spec. < 1.050)

A545/A280 = 5.74 ; (purity spec. > 5.5)

## **Package**

**Performed by**

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