



Certificate of Analysis

Flogen® B-PE (B-Phycoerythrin)

Lot No. _____

Catalog No. _____

PO No. _____

Concentration _____ mg/ml (Use Extinction Coefficient , 13mg/mL ~ 20 mg/mL)

Results

After dilution of _____ times

A545= _____ ; A565 = _____ ; A280 = _____ ; A620 = _____

A545/A280 = _____ ; (purity spec. ≥ 5.5)

A565/A545 = _____ ; (spec. ≤ 1.0)

A620/A545 = _____ ; (spec. ≤ 0.005)

Absorption Maximum = _____ nm ; (spec. 545nm \pm 3 nm)

Emission Maximum = _____ nm ; (spec. 575nm \pm 3 nm)

Storage Buffer

Flogen B-PE is a phycobiliprotein isolated from our proprietary red algae. It is made up of (α β) γ subunit structure. Flogen B-PE is supplied in 100 mM Potassium Phosphate buffer, pH7.0 with 60% Saturated $(\text{NH}_4)_2\text{SO}_4$, 1 mM EDTA and 1 mM Sodium Azide.

Date

Production Date :

Expiry Date :

Package

_____ ml /bottle; total: _____ mg in _____ bottle (s)

Storage

Store Flogen B-PE in dark at 4°C . Do not freeze. For research or further manufacturing use only.

Performed by

Date : _____ Sign :