

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME	Fludyn™ B-PHYCOERYTHRIN Lyophilized PureGrade
CATALOG No.	BPE-LPG-1005M, BPE-LPG-1010M, BPE-LPG-1050M, BPE-LPG-1100M
STORAGE BUFFER	Suspended in 50 mM Sodium Phosphate, 50mM Sucrose, 0.1 mM EDTA (pH 7.0)
COMPOSITION	1 Vial
STORAGE	Store at 4°C in the dark. DO NOT FREEZE
STABILITY	When stored properly, the product is stable for at least 1 year.

SECTION 2: HOW TO USE**Step 1: How to reconstitute**

Open the vial with caution, some powder might be on the cap.
Add distilled and dionized water in accordance with desired concentration, see table below for indicative Quantum satis.

	4 mg/mL	10 mg/mL
BPE-LPG-1005M	Q.S. 1.25 mL	Q.S. 0.50 mL
BPE-LPG-1010M	Q.S. 2.50 mL	Q.S. 1.00 mL
BPE-LPG-1050M	Q.S. 12.50 mL	Q.S. 5.00 mL
BPE-LPG-1100M	Q.S. 25.00 mL	Q.S. 10.00 mL

Let settle reconstituted B-Phycoerythrin at 4°C for 30 minutes.

Gently mix the product before use.

Step 2: How to establish quantity

Select desired quantity using following formula.

$$V = Q / C$$

Where *V* is volume to take in the vial in mL
Q is the desired quantity in mg
C is the chosen concentration in mg/ml

For in vitro research use only. Not for diagnostic or therapeutic procedures.