

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME	Fluodyn™ ALLOPHYCOYANIN Precipitated PureGrade
CATALOG No.	APC-PPG-1005M, APC-PPG-1010M, APC-PPG-1050M, APC-PPG-1100M
STORAGE BUFFER	Suspended in 60% Ammonium Sulfate, 50 mM Sodium Phosphate, 0.1 mM EDTA, 0.1 mM Sodium Azide (pH 7.0)
COMPOSITION	1 Vial and a 1,5mL or a 50mL Quick Desalting System (QDS)
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 establish quantity**

Select desired quantity using following formula.

$$V = (1.1 \times Q) / C$$

Where *V* is volume to take in the vial in mL
Q is the desired quantity in mg
C is the lot concentration in mg/ml (Refer to the Certificate of Analysis provided with the Lot)

Step 2: How to reconstitute

Precipitated proteins have to be shaken before pipetting.

All Fluodyn™ precipitated Phycobiliprotein are provided with Quick Desalting System (QDS).

Procedure for APC-PPG-1005M, APC-PPG-1010M

Those products are provided with 1,5mL centrifuge tube.

Fill the sample reservoir with desired quantity of Allophycocyanin, add max. 500µL at once.

Centrifuge for 10 minutes at 10 000g at room temperature, a longer centrifugation time is recommended if the volume in the sample reservoir is > 100µL.

Discard the filtrate present in the filtrate receiver, Fill sample reservoir with buffer of your choice. Centrifuge for 10 minutes at 10 000g at room temperature.

Repeat previous step.

Allophycocyanin is present in the sample reservoir and is ready to use.

Procedure for APC-PPG-1050M, APC-PPG-1100M

Those products are provided with 50mL centrifuge tube.

Fill the sample reservoir with desired quantity of Allophycocyanin, add max. 20mL at once.

Centrifuge for 10 minutes at 10 000g at room temperature, a longer centrifugation time is recommended if the volume in the sample reservoir is > 4mL.

Discard the filtrate present in the filtrate receiver, Fill sample reservoir with buffer of your choice. Centrifuge for 10 minutes at 10 000g at room temperature.

Repeat previous step.

Allophycocyanin is present in the sample reservoir and is ready to use.

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