



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



## R-Phycoerythrin

Product Number D5-000  
Concentration 21.26 mg/mL  
Store at 2-8°C

### Form/Shipping & Storage

Supplied as an ammonium sulfate precipitate. Upon receipt, store at 2-8°C in the dark - do not freeze. Phycobiliproteins are sensitive to freeze-thaw cycles.

### Handling

Avoid exposure to heat and light.

### Buffer

60% ammonium sulfate in 100mM sodium phosphate + 100mM sodium chloride buffer pH 7.0 with 2mM-sodium azide.

### Note

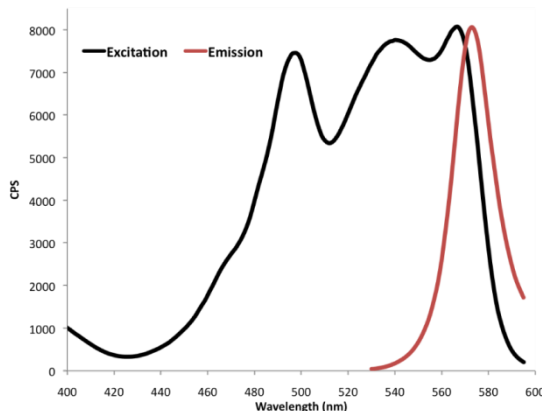
For research use only, not for diagnostic or therapeutic use.

### Method

The material concentration was measured in 100 mM phosphate buffer pH 7.0 with 2mM sodium azide. The reported result is the average over all dilutions and all readings.

### Specifications: \_\_\_\_\_ Actual Result:

$A_{566} / A_{280}$ :	> 5.00	5.27
$A_{620} / A_{566}$ :	< 0.010	0.002
$A_{566} / A_{498}$ :	< 1.50	1.35
Ex at 498 nm	peak 571-575	573.0
HPLC	>95%	98.38%



Fluorescence excitation and emission spectra of R-phycoerythrin in 100 mM sodium phosphate (pH 7.2) + 1 mM EDTA and 1 mM sodium azide. Emission scan was taken with excitation at 498 nm. Excitation scan was taken with emission at 575 nm.

4985 Winchester Blvd. Frederick, MD 21703

301.732.5415

[www.columbiabiosciences.com](http://www.columbiabiosciences.com)

For technical inquiries: [info@columbiabiosciences.com](mailto:info@columbiabiosciences.com)

For sales inquiries: [sales@columbiabiosciences.com](mailto:sales@columbiabiosciences.com)