

This certificate is an example. A complete certificate containing lot-specific information, such as concentration and volume, will be shipped with your purchase.



## Chromeo™ 642 Biotin

**Catalog No:** 15312, 16312

**Lot No:** Not Available

### Chemical Properties:

Contents: 1 mg (Catalog No. 15312) or 5 mg (Catalog No. 16312) of lyophilized Chromeo™ 642 conjugated to Biotin-(PEO)<sub>3</sub>-amine.

Net formula: C<sub>51</sub>H<sub>73</sub>N<sub>6</sub>O<sub>8</sub>PS; MW: 961.21

Reagent color: blue solid

Soluble in DMF and methanol.

### Fluorescent Properties:

Chromeo 642 shows similar fluorescent properties as the red fluorescent Cy5 dye.

Filters designed for Cy5 can be used with Chromeo 642 and its conjugates.

Chromeo 642 exhibits a large tolerance to pH and unmatched photostability, which provides more time for image capture.

**Excitation Wavelength:** 642 nm

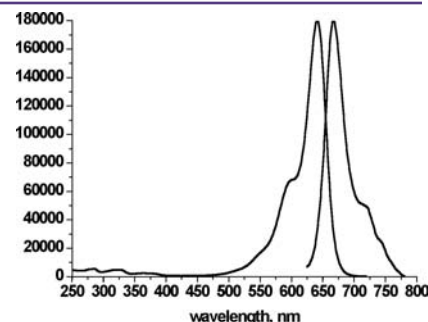
**Emission Wavelength:** 660 nm

### Quality Control:

The Dye has been quality tested by spectro-photometrical evaluation and by measuring binding properties on streptavidin-coated plates.

### Storage:

To ensure stability, the lyophilized dye biotin conjugate should be stored at 4°C in the dark. This product is guaranteed for 6 months from the date of arrival.



Spectrum of Chromeo™ 642 in PBS.