

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



Chromeo™ 488 Biotin

Catalog No: 15512, 16512

Lot No: Not Available

Chemical Properties:

Contents: 1 mg (Catalog No. 15312) or 5 mg (Catalog No. 16312) of lyophilized Chromeo™ 488 conjugated to Biotin-(PEO)₃-amine.

Net formula: C₄₆H₅₉N₅O₁₀S; MW: 874.06

Reagent color: dark red solid

Soluble in DMF and methanol.

Fluorescent Properties:

Chromeo 488 can be excited with a green laser and shows similar fluorescent properties as fluorescein or other 488-excitable dyes. Filters designed for fluorescein can be used with Chromeo 488 and its conjugates. Chromeo 488 exhibits a large tolerance to pH and unmatched photostability, which provides more time for image capture.

Excitation Wavelength: 488 nm

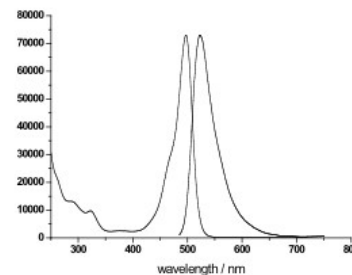
Emission Wavelength: 523 nm

Quality Control:

The Dye has been quality tested by spectro-photometrical evaluation and by measuring binding properties on streptavidin-coated plates, as well as by binding avidin in solution.

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™ 488 in PBS.