

Product Data Sheet

Date of Issue: 22 Feb 2019

1. Product Information

- Product Name : BSA, Flamma® 648
- Catalog Number : RSC0111
- Packing Unit : 5 mg
- Appearance : Blue Solid
- Storage Conditions : Protect from Light at -20 °C

2. Additional Information

- Fluorophore Label : Flamma® 648
- Reactive Group : BSA
- Absorption_{Max} : 648 nm
- Emission_{Max} : 663 nm

3. Description

BSA, Flamma® 648 is a fluorescence conjugated bovine serum albumin (BSA). Flamma® Fluor dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugated to biomolecules. The maxima of Ex/Em values are at 648/663 nm. Fluorescent BSA conjugates have been used in many applications such as quantitative studies of electroporation, measurement of plasma volume, intracellular protein processing. BioActs offers BSA, Flamma® 648 as a bright and photostable fluorescent tracer in various applications where tracers with well-defined physical dimensions are required.