

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Flamma® Deep Red PS Bead 0.2µm
- Catalog Number : PSC7001
- Packing Unit : 2 mL / 5 mL / 10 mL
- Appearance : Aqueous suspension
- Storage Conditions : Protect from Light at 2-8 °C

2. Additional Information

- Fluorophore Label : Flamma® Deep Red
- Excitation_{Max} : 645 nm
- Emission_{Max} : 665 nm

3. Description

Flamma® Deep Red PS Bead 0.2µm is fluorescent spherical particles in the colloidal size made up of high-grade polystyrene (PS) doped with our proprietary dyes. Flamma® series can generate stronger signals with small amount of probes in many tracing experiments. Surfaces of PS Bead are equipped with carboxylic acids. These pendent acids allow them suitable for covalent coupling of proteins and other amine-containing biomolecules by using water-soluble coupling reagents. Flamma® Deep Red PS Bead 0.2 µm is suitable for the many nanoparticle based diagnostic tests, including tracking particles and cells, tracing fluid dynamics, discriminating the size dependence of uptake or transport in vivo.