PRODUCT DATA SHEET

Orange Fluorescent SiO2 Magnetic Particles-NH2

Description

Fluorescent Particles are prepared by either incorporation of selected fluorophores into monodisperse polystyrene particles by means of swelling processes or by copolymerization of styrene with various organic fluorescent dyes, these processes generate fluorophores labeled polystyrene particles with favorable properties. As a result, a wide variety of fluorescent particles can be prepared ranging in size, type of fluorophore, fluorescence intensity and surface functional groups. Most of the fluorophores chosen for use in the preparation of Fluorescent Particles are water insoluble and therefore are very stable. These fluorophores, once incorporated into the particles, do not leach and their color and fluorescence remains stable for long periods of time under proper storage conditions. Fluorescent particles with single or multiple fluorophores are available in various sizes, emission spectra and combinations. Many are suitable for uses in flow cytometry, fluorescence microscopy, phagocytosis studies and cell labeling.

For custom sizes, formulations or bulk quantities please contact our customer service department.
website: www.abvigen.com Phone: +1 929-202-3014 Email: info@abvigenus.com

Characteristics

Concentration: 10 mg/ml

Size: 10 ml; 20 ml

Surface: NH2

Shape: Spherical

Composition: Magnetic SiO2 Particles

Standard deviation: CV<5%

Excitation: 540 nm

Emission: 580 nm

Buffer: PBS

Form: Suspension

Store: Storage at 2 - 8 °C

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Storage

This product should be stored at 4°C. **DO NOT FREEZE**.

Ordering Information

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