



## **Green GMA Fluorescent Particles PRODUCT DATA SHEET**

### **Green GMA Fluorescent Particles-Plain**

#### **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](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

#### **Characteristics**

Concentration: 10 mg/ml

Size: 10 ml; 20 ml

Surface: Plain

Shape: Spherical

Composition: Green GMA Fluorescent Particles

Excitation: 488 nm

Emission: 518 nm

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

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## Storage

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

## Highlights

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Monodisperse particles

High particle size uniformity

High-intensity fluorescence

Outstanding long-term stability under proper storage conditions (both color and fluorescence)

Spherical shape

Great resistance to photobleaching

Minimized dye leaching

Suitable for uses in flow cytometry, fluorescence microscopy, phagocytosis studies and cell labeling

## Ordering Information

website: [www.abvigen.com](http://www.abvigen.com)

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