

PE Labeled Polystyrene Particles

DESCRIPTION

Beijing Biotyscience Co. Ltd provides high-quality polystyrene microspheres of different sizes. PS microsphere products have ideal microspherical appearance, no other impurities, small differences between batches, and good repeatability.

Fluorescein is activated phycoerythrin (R-phycoerythrin, R-PE), and R-PE is a commonly used fluorescent labeling reagent for separation and purification from red algae. The subunit composition of R-PE protein is ($\alpha\beta$)₆ γ . The molecular weight of each α , β subunit is 20KDa. The molecular weight of each γ subunit is 30KDa, and the total molecular weight is 240KDa. The maximum excitation wavelength is 565nm, and the maximum fluorescence emission peak is 575nm.

PRODUCT INFORMATION

Type	PS Particles
Diameter	0.1 μ m - 10 μ m
Buffer	Supplied in DI Water.
Size	10 mg
Storage	Stored at 4 °C. Do not freeze. Protect from light.

Advantages

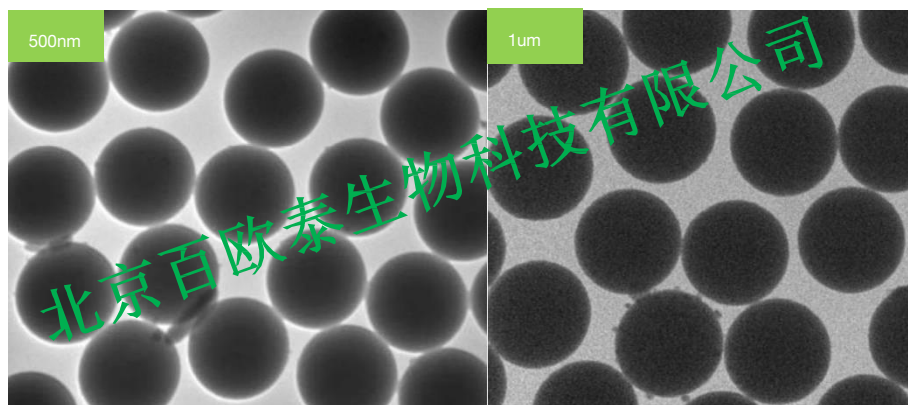
Excellent hydrophobicity and non-biodegradability

Not dissolved or swollen by common solvents, which is beneficial to application and recovery

Strong and Stable Fluorescence

High sensitivity

Transmission electron microscopy (TEM)



Transmission electron microscopy (TEM) of Biotyscience PS microspheres of different sizes

Storage

Store product away from direct sunlight at 2-

8 ° C. Do NOT freeze.

When stored as specified the product is stable for at least six months.

Notes

Please use PS microspheres after fully stirring and ultrasonic dispersion.

Store at room temperature/4 degree and avoid light, avoid drying into blocks and avoid freezing and thawing.

The working temperature should not exceed 100 ° C to prevent the polystyrene

microspheres from melting, deforming or sticking together.

Contact Us

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