



Color Dyed Polystyrene Microspheres

Product Description:

Color Dyed Polystyrene microspheres are suitable to enhance both visual and microscopic identification.

Our color dyed microspheres are frequently used in lateral flow tests and latex agglutination tests. They are available with non-functionalized surfaces and with carboxyl functionalized surfaces to support covalent coupling strategies. These surface modified microspheres are suitable for the covalent attachment of proteins, peptides, and nucleic acids. Primary amine functionalized surfaces are also available on a custom basis. We provide vibrantly dyed microspheres in two colors: red and blue.

Characteristics:

<u>Colors:</u>	Red and Blue
<u>Size Range:</u>	30nm - 750µm
<u>Density:</u>	1.05-1.06 g/ml

Packaging Information:

Products with a diameter $\leq 20\mu\text{m}$ are supplied as 1% solid suspensions (10mg/ml).

Products with a diameter $> 20\mu\text{m}$ are supplied as pure solid particles.

Suspension Solution:

De-ionized water containing a small amount of surfactant and 2mM of sodium azide as an anti-microbial agent.

Product Stability, Storage and Specifications:

This product should be stored at 2-8°C. Do not freeze!

Product Use:

Sonicate/Vortex the microspheres before each use.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.