



Counting Standard Polystyrene Particles PRODUCT DATA SHEET

Counting Standard Polystyrene Particles

Description

The counting standard microspheres are designed for the development, calibration and verification of particle counting equipment. When there are problems with the instruments or during routine maintenance, this series of microspheres can be used to verify and calibrate the instruments to ensure normal operation and correct data output. This series of products strictly abide by the measurement procedures provided by the US National Bureau of Standards Technology (NIST), and are highly NIST traceable. It can meet traceable compliance requirements such as ISO 900, ISO10012, ANSI/NCCL-Z540 and GMP/GLP. Through strict resuspension procedures and particle counting detection, the microsphere suspension with accurate particle number can be obtained, which is an indispensable tool for calibrating particle counting instruments.

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

Cat No	Product Name	Approximate	Size
APSCS-0100	Counting Standard Polystyrene Particles, 1 um	1E7 beads/ml	15 ml
APSCS-0200	Counting Standard Polystyrene Particles, 2 um	1E7 beads/ml	15 ml
APSCS-0300	Counting Standard Polystyrene Particles, 3 um	1E7 beads/ml	15 ml
APSCS-0400	Counting Standard Polystyrene Particles, 4 um	1E7 beads/ml	15 ml
APSCS-0500	Counting Standard Polystyrene Particles, 5 um	1E7 beads/ml	15 ml
APSCS-0600	Counting Standard Polystyrene Particles, 6 um	1E7 beads/ml	15 ml
APSCS-0700	Counting Standard Polystyrene Particles, 7 um	1E7 beads/ml	15 ml
APSCS-0800	Counting Standard Polystyrene Particles, 8 um	1E7 beads/ml	15 ml
APSCS-0900	Counting Standard Polystyrene Particles, 9 um	1E7 beads/ml	15 ml
APSCS-1000	Counting Standard Polystyrene Particles, 10 um	1E7 beads/ml	15 ml

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Reserved

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Characteristics

Composition: Polystyrene polymer

Particle Size: 1 um-10 um

Density: 1.05 g/cm³

Dispersion medium: DI water

Particle Refractive Index: 1.59 (589 nm wavelength, 25°C)

Uniformity: CV < 3%

Additive: Trace amount of surfactant

Storage Condition: Store at 2 - 25°C, do not freeze

Quality guarantee period: 12 months

Storage

This product should be stored at 2 - 25°C. **DO NOT FREEZE.**

Ordering Information

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