

# Check Spheres™



## Product Description

Check Spheres are an inexpensive particle size standard designed for daily use to confirm the performance of most types of particle size analysers. They are manufactured to the same tolerances as more expensive certified reference materials.



The Spheres are supplied at a 1% concentration which is considerably higher than most certified materials thus the amount required to carry out the check is less and substantially more checks can be carried out.

They are available in a range of discrete sizes from 1µm (micron) to 140µm. (See the back of this brochure).

The Spheres are manufactured using the “Ugelstad-process” and are extremely monodisperse, producing CV’s of less than 3% on the main peak of the distribution.

Each package of PsS Check Spheres contains a Certificate of Calibration . A Certificate of Traceability to NIST is available upon request (at an extra cost).

**PsS™ Particle & Surface Sciences Pty. Limited**

*“Committed to Service Since 1991”*



# Check Spheres

## Product Specification

Particle Composition	Polystyrene
Particle Density:	Less Than 10um is 1% Concentration
Size Ranges:	1um, 3um, 5um, 10um, 20um, 40um, 80um, 140um
Uniformity:	Extremely monosized with a CV<3% on the main peak Utilises the “Ugelstad-process”
Bottle Sizes:	25ml.
Expiration Date:	≥ 24 months
Additives:	Dispersant, Anti-Bacterial Re-agent
Package Includes:	Certificate of Calibration NIST Traceability Certificates are available upon request (at an extra cost)
Storage & Handling:	Store at room temperature or refrigerated. Keep bottle tightly sealed to avoid contamination.



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