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Silica Particles Centrifugal Acceleration

Particle Size	Centrifugal Acceleration	Time	Resuspension of Pellet
30 nm	45,000 x g	60 min	60 min sonication / vortex
50 nm	30,000 x g	30 min	60 min sonication / vortex
70 nm	25,000 x g	20 min	60 min sonication / vortex
100 nm	20,000 x g	15 min	50 min sonication / vortex
200 nm	13,000 x g	10 min	40 min sonication / vortex
300 nm	7,500 x g	10 min	30 min sonication / vortex
400 nm	1,500 x g	10 min	20 min sonication / vortex
500 nm	850 x g	10 min	10 min sonication / vortex
600 nm	600 x g	10 min	10 min sonication / vortex
800 nm	200 x g	10 min	10 min sonication / vortex
1 µm	50 x g	10 min	10 min sonication / vortex
1.5 µm	35 x g	10 min	10 min sonication / vortex
3 µm	25 x g	10 min	vortex
4 µm	25 x g	10 min	vortex
5 µm	25 x g	10 min	vortex
10 µm	15 x g	10 min	vortex
12 µm	15 x g	10 min	vortex
15 µm	10 x g	10 min	vortex
20 µm	10 x g	10 min	vortex