



Abvigen Inc

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Polystyrene Particles NPS- 1%

Diameter (um)	Particle Volume (um³)	Volume (ml)	Wt.Conc. (mg/ml)	Particle Mass(g)	NPS/mg	NPS/ml	Conc. (nmol/ml)
0.01	5.24E-07	10	10	5.55E-19	1.80E+15	1.80E+16	1.59E+05
0.02	4.19E-06	10	10	4.44E-18	2.25E+14	2.25E+15	1.59E+05
0.03	1.41E-05	10	10	1.50E-17	6.67E+13	6.67E+14	1.59E+05
0.04	3.35E-05	10	10	3.55E-17	2.82E+13	2.82E+14	1.59E+05
0.05	6.54E-05	10	10	6.94E-17	1.44E+13	1.44E+14	1.59E+05
0.07	1.80E-04	10	10	1.90E-16	5.25E+12	5.25E+13	1.59E+05
0.08	2.68E-04	10	10	2.84E-16	3.52E+12	3.52E+13	1.59E+05
0.1	5.24E-04	10	10	5.55E-16	1.80E+12	1.80E+13	1.59E+05
0.2	4.19E-03	10	10	4.44E-15	2.25E+11	2.25E+12	1.59E+05
0.3	1.41E-02	10	10	1.50E-14	6.67E+10	6.67E+11	1.59E+05
0.4	3.35E-02	10	10	3.55E-14	2.82E+10	2.82E+11	1.59E+05
0.5	6.54E-02	10	10	6.94E-14	1.44E+10	1.44E+11	1.59E+05
0.6	1.13E-01	10	10	1.20E-13	8.34E+09	8.34E+10	1.59E+05
0.7	1.80E-01	10	10	1.90E-13	5.25E+09	5.25E+10	1.59E+05
0.8	2.68E-01	10	10	2.84E-13	3.52E+09	3.52E+10	1.59E+05
0.9	3.82E-01	10	10	4.05E-13	2.47E+09	2.47E+10	1.59E+05
1	5.24E-01	10	10	5.55E-13	1.80E+09	1.80E+10	1.59E+05
2	4.19E+00	10	10	4.44E-12	2.25E+08	2.25E+09	1.59E+05

3	1.41E+01	10	10	1.50E-11	6.67E+07	6.67E+08	1.59E+05
4	3.35E+01	10	10	3.55E-11	2.82E+07	2.82E+08	1.59E+05
5	6.54E+01	10	10	6.94E-11	1.44E+07	1.44E+08	1.59E+05
6	1.13E+02	10	10	1.20E-10	8.34E+06	8.34E+07	1.59E+05
7	1.80E+02	10	10	1.90E-10	5.25E+06	5.25E+07	1.59E+05
8	2.68E+02	10	10	2.84E-10	3.52E+06	3.52E+07	1.59E+05
9	3.82E+02	10	10	4.05E-10	2.47E+06	2.47E+07	1.59E+05
10	5.24E+02	10	10	5.55E-10	1.80E+06	1.80E+07	1.59E+05
11	6.97E+02	10	10	7.39E-10	1.35E+06	1.35E+07	1.59E+05
12	9.05E+02	10	10	9.59E-10	1.04E+06	1.04E+07	1.59E+05
13	1.15E+03	10	10	1.22E-09	8.20E+05	8.20E+06	1.59E+05
14	1.44E+03	10	10	1.52E-09	6.57E+05	6.57E+06	1.59E+05
15	1.77E+03	10	10	1.87E-09	5.34E+05	5.34E+06	1.59E+05
17	2.57E+03	10	10	2.73E-09	3.67E+05	3.67E+06	1.59E+05
18	3.05E+03	10	10	3.24E-09	3.09E+05	3.09E+06	1.59E+05
20	4.19E+03	10	10	4.44E-09	2.25E+05	2.25E+06	1.59E+05
22	5.58E+03	10	10	5.91E-09	1.69E+05	1.69E+06	1.59E+05
23	6.37E+03	10	10	6.75E-09	1.48E+05	1.48E+06	1.59E+05
24	7.24E+03	10	10	7.67E-09	1.30E+05	1.30E+06	1.59E+05
25	8.18E+03	10	10	8.67E-09	1.15E+05	1.15E+06	1.59E+05
30	1.41E+04	10	10	1.50E-08	6.67E+04	6.67E+05	1.59E+05
40	3.35E+04	10	10	3.55E-08	2.82E+04	2.82E+05	1.59E+05
50	6.54E+04	10	10	6.94E-08	1.44E+04	1.44E+05	1.59E+05
60	1.13E+05	10	10	1.20E-07	8.34E+03	8.34E+04	1.59E+05
70	1.80E+05	10	10	1.90E-07	5.25E+03	5.25E+04	1.59E+05

80	2.68E+05	10	10	2.84E-07	3.52E+03	3.52E+04	1.59E+05
90	3.82E+05	10	10	4.05E-07	2.47E+03	2.47E+04	1.59E+05
100	5.24E+05	10	10	5.55E-07	1.80E+03	1.80E+04	1.59E+05
200	4.19E+06	10	10	4.44E-06	2.25E+02	2.25E+03	1.59E+05
300	1.41E+07	10	10	1.50E-05	6.67E+01	6.67E+02	1.59E+05
400	3.35E+07	10	10	3.55E-05	2.82E+01	2.82E+02	1.59E+05
500	6.54E+07	10	10	6.94E-05	1.44E+01	1.44E+02	1.59E+05
600	1.13E+08	10	10	1.20E-04	8.34E+00	8.34E+01	1.59E+05
700	1.80E+08	10	10	1.90E-04	5.25E+00	5.25E+01	1.59E+05
800	2.68E+08	10	10	2.84E-04	3.52E+00	3.52E+01	1.59E+05
900	3.82E+08	10	10	4.05E-04	2.47E+00	2.47E+01	1.59E+05
1000	5.24E+08	10	10	5.55E-04	1.80E+00	1.80E+01	1.59E+05
2000	4.19E+09	10	10	4.44E-03	2.25E-01	2.25E+00	1.59E+05