



PRODUCT DATA SHEET

PLA Particles-COOH

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

Characteristics

Concentration: 10 mg/ml

Size: 10 ml; 20 ml

Surface: COOH

Density: 1.05 g/ccm

Shape: Spherical

Composition: Poly(d,l-lactic acid) (PLA) particles

Buffer: DI Water

Form: Suspension

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

For 10 mg/ml of PLA Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	10	1.46E+13	1.46E+14	6 um	10	8.42E+06	8.42E+07
100 nm	10	1.82E+12	1.82E+13	7 um	10	5.30E+06	5.30E+07
200 nm	10	2.27E+11	2.27E+12	8 um	10	3.55E+06	3.55E+07
300 nm	10	6.74E+10	6.74E+11	9 um	10	2.50E+06	2.50E+07
400 nm	10	2.84E+10	2.84E+11	10 um	10	1.82E+06	1.82E+07
500 nm	10	1.46E+10	1.46E+11	20 um	10	2.27E+05	2.27E+06
600 nm	10	8.42E+09	8.42E+10	30 um	10	6.74E+04	6.74E+05
700 nm	10	5.30E+09	5.30E+10	40 um	10	2.84E+04	2.84E+05
800 nm	10	3.55E+09	3.55E+10	50 um	10	1.46E+04	1.46E+05
900 nm	10	2.50E+09	2.50E+10	60 um	10	8.42E+03	8.42E+04



1 um	10	1.82E+09	1.82E+10	70 um	10	5.30E+03	5.30E+04
2 um	10	2.27E+08	2.27E+09	80 um	10	3.55E+03	3.55E+04
3 um	10	6.74E+07	6.74E+08	90 um	10	2.50E+03	2.50E+04
4 um	10	2.84E+07	2.84E+08	100 um	10	1.82E+03	1.82E+04
5 um	10	1.46E+07	1.46E+08	200 um	10	2.27E+02	2.27E+03

Ordering Information

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