



Green Latex Particles-COOH

PRODUCT DATA SHEET

Green Latex Particles–COOH

Description

Green Latex Particles-COOH is a kind of latex Particles material that is prepared by lotion polymerization method, with carboxyl functional groups modified on the surface and dyes added. This material has bright and vibrant colors, excellent stability, strong bonding ability, and good dispersibility. Widely used in fields such as immune analysis, cell labeling, drug delivery, environmental monitoring, etc. With color labeling and surface functionalization, color carboxyl latex Particles can provide multiple analysis, targeted drug delivery and efficient detection, and have important research and industrial value.

Abvigen Inc can provide high-quality Green Latex Particles-COOH in various particle sizes. This product has uniform particle size and good chemical stability, and it can meet the personalized material needs of various customers in research and development, testing, production, and consumption.

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: 25 mg/ml

Size: 10 ml

Surface: Carboxyl

Shape: Spherical

Composition: Latex Particles

Buffer: DI water

Form: Suspension



Store: Storage at 2 - 8 °C

Storage

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

For 25 mg/ml of Green Latex Particles–COOH

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
0.05 um	25	1.48E+13	3.71E+14	9 um	25	2.54E+06	6.36E+07
0.1 um	25	1.85E+12	4.64E+13	10 um	25	1.85E+06	4.64E+07
0.2 um	25	2.32E+11	5.79E+12	15 um	25	5.49E+05	1.37E+07
0.3 um	25	6.87E+10	1.72E+12	20 um	25	2.32E+05	5.79E+06
0.4 um	25	2.90E+10	7.24E+11	25 um	25	1.19E+05	2.97E+06
0.5 um	25	1.48E+10	3.71E+11	30 um	25	6.87E+04	1.72E+06
0.6 um	25	8.58E+09	2.15E+11	40 um	25	2.90E+04	7.24E+05
0.7 um	25	5.41E+09	1.35E+11	50 um	25	1.48E+04	3.71E+05
0.8 um	25	3.62E+09	9.05E+10	60 um	25	8.58E+03	2.15E+05
0.9 um	25	2.54E+09	6.36E+10	70 um	25	5.41E+03	1.35E+05
1 um	25	1.85E+09	4.64E+10	80 um	25	3.62E+03	9.05E+04
2 um	25	2.32E+08	5.79E+09	90 um	25	2.54E+03	6.36E+04
3 um	25	6.87E+07	1.72E+09	100 um	25	1.85E+03	4.64E+04
4 um	25	2.90E+07	7.24E+08	150 um	25	5.49E+02	1.37E+04
5 um	25	1.48E+07	3.71E+08	180 um	25	3.18E+02	7.95E+03

Advantage

Uniform particle size

Surface modifiable

Good chemical stability

Colorful and vibrant

Narrow particle size distribution



Applications

Microscopic analysis

Particle enhanced immune turbidity

Solid-phase immunoassay method

Latex agglutination test

Enzyme linked immunosorbent assay

Ordering Information

Website: www.abvigen.com

Phone: +1 929-202-3014

Email: info@abvigenus.com