



## **Porous PLLA Particles-NH<sub>2</sub>** **PRODUCT DATA SHEET**

### **Porous PLLA Particles-NH<sub>2</sub>**

#### **Description**

Porous PLLA Particles-NH<sub>2</sub> is a biodegradable polymer nanomaterial. This material is made of poly (L-lactic acid), with a surface modified by amino groups, and has a smooth surface, uniform particle size, low biological toxicity, and good biological affinity. Porous PLLA Particles-NH<sub>2</sub> can gradually degrade in the body and ultimately convert into non-toxic lactic acid, which is harmless to living organisms. Porous PLLA Particles NH<sub>2</sub> has the same charge, which can effectively avoid the risk of aggregation of Particles and maintain the stability of the system. Its porous structure provides a high specific surface area. Commonly used in drug delivery, tissue engineering, and biomedical fields.

Abvigen Inc can provide high-quality Porous PLLA Particles-NH<sub>2</sub> in various particle sizes(50 nm-200 um). This product has uniform particle size and good dispersibility, and it can meet various personalized material needs such as customer research and development, testing, and production consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

**Website:** [www.abvigen.com](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

#### **Characteristics**

Concentration: 10 mg/ml

Size: 10 ml

Surface: Amino

Shape: Spherical

Diameter: 50 nm - 200 um

Composition: Porous PLLA Particles

Standard deviation: CV<5%

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C



### **Storage**

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

### **Advantage**

Uniform particle size

High specific surface area

Biodegradable

Good dispersibility

Good chemical stability

### **Applications**

Cosmetic materials

Packaging

Organizational fillers

Medical fillers

Drug sustained-release carrier

### **Ordering Information**

Website: [www.abvigen.com](http://www.abvigen.com)

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