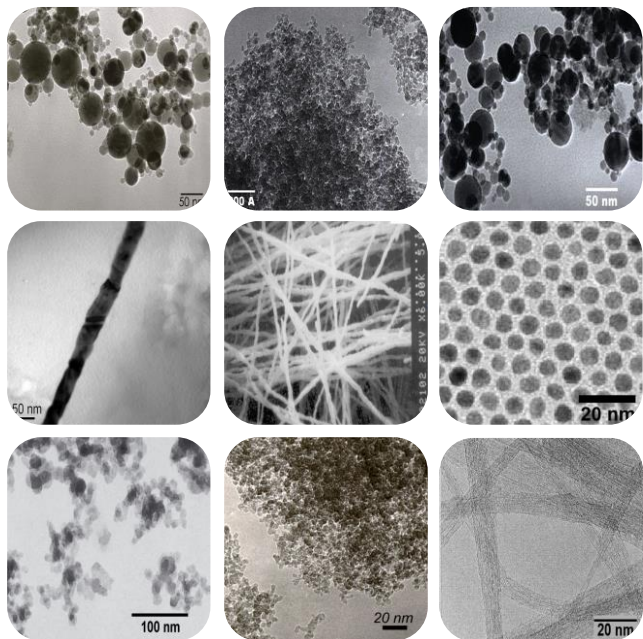
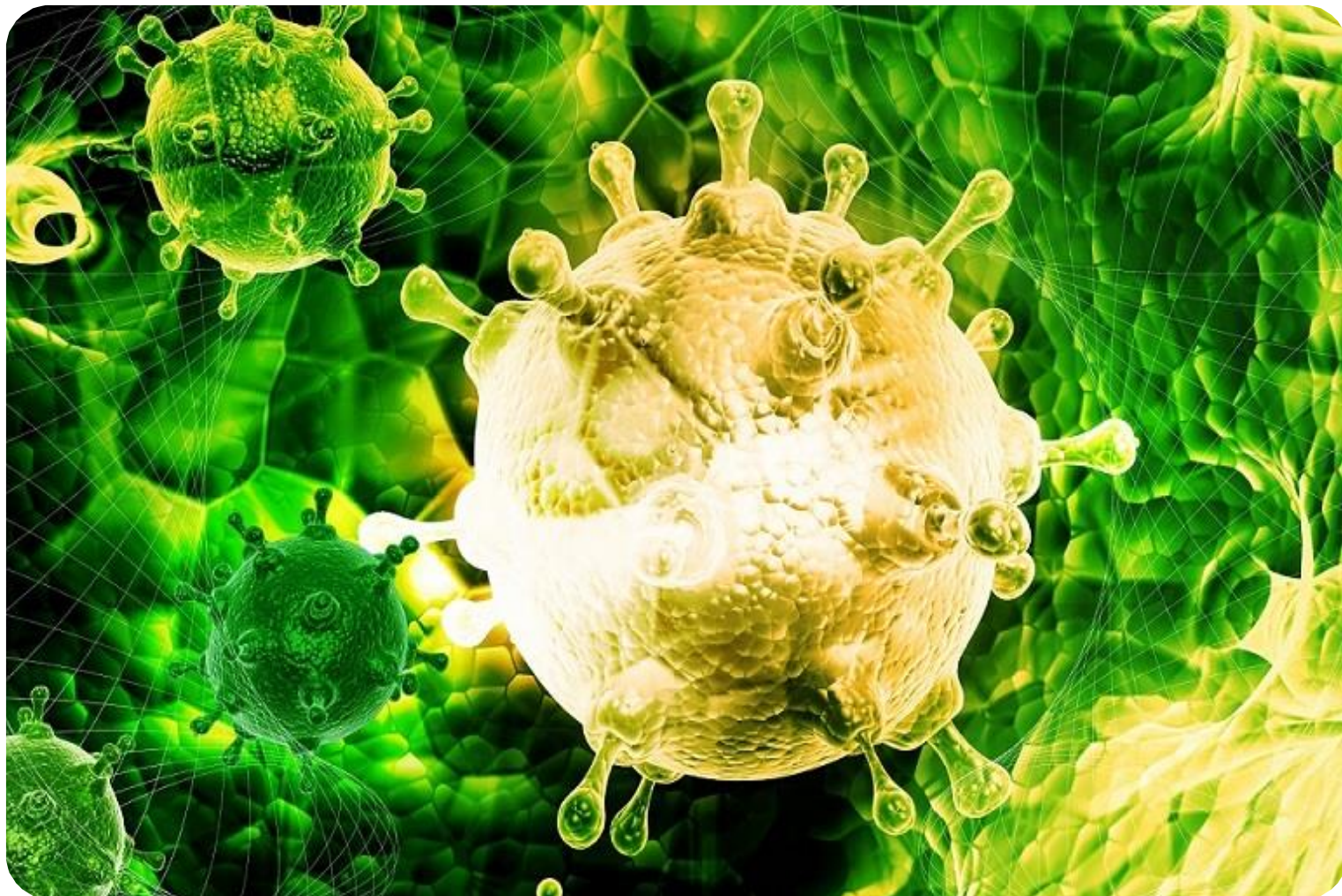


مشخصات فنی  
نانو نمک‌ها و میکرونمک‌ها

شرکت نانوپزشکی ایلیا  
iNanomed نماینده انحصاری شرکت PlasmaChem در ایران



PlasmaChem

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## Salt Nano- and Microparticles

Inorganic carbonate microparticles soluble at low pH values or in complexing agents such as EDTA. Among various applications, they are used for production of polyelectrolyte multi-layer capsules finding various applications from drug carriers to microreactors.

### Calcium Carbonate Nanoparticles (Code 207)

CaCO<sub>3</sub>, nanopowder

Particle shape: cubic

Primary particle average size: 90±15 nm

Specific surface: ca. 20 m<sup>2</sup>/g

Bulk Density: ca. 0,4 g/cm<sup>3</sup>

PL-CACOU-25g	25 g
PL-CACOU-100g	100 g

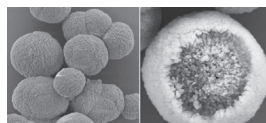
### Calcium Carbonate Microparticles (Code 208)

Absorbs polyelectrolytes and proteins in mesopores strongly.

Purity: > 99,0%

Particles shape: mesoporous, spherical

Specific surface: > 18 m<sup>2</sup>/g



Average particle size: ca. 6 µm

Average particle size: ca. 2-3 µm

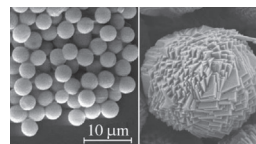
PL-CA6-1g	1 g
PL-CA6-5g	5 g
PL-CA6-10g	10 g

PL-CA3-1g	1 g
PL-CA3-5g	5 g
PL-CA3-10g	10 g

### Manganese Carbonate Microparticles

(Code 209)

MnCO<sub>3</sub>, Purity: > 99,0% Particles shape: spherical



Particle size full range: 4 - 5 µm

Particle size full range: 2 - 3 µm

PL-MN5-1g	1 g
PL-MN5-5g	5 g
PL-MN5-10g	10 g

PL-MN3-1g	1 g
PL-MN3-5g	5 g
PL-MN3-10g	10 g

### Iron Iodate, nonlinear optics nanocrystals (Code 210)

Fe(IO<sub>3</sub>)<sub>3</sub> nanopowder

Particle shape: spherical to elongated

Primary particle average size: 40-80 nm

Second harmonic generation nanoparticles for non-linear optics

PL-FeIO80-1g	1 g
PL-FeIO80-10g	10 g