

Tri - calcium

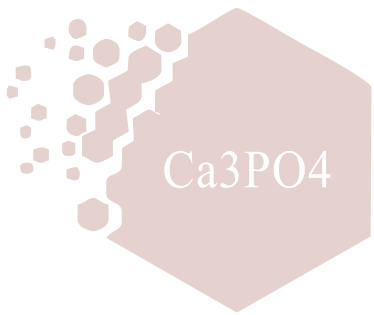
PHOSPHATE NANOPARTICLES

Nanomedicine is an emerging field of biomedical research. Calcium phosphate nanoparticles have gained increasing interest in medicine because of their high biocompatibility and good biodegradability which is due to the fact that calcium phosphate is the inorganic mineral of human bone and teeth. Therefore, they complement typical nanoparticulate systems which are used in medicine, e.g. polymers, metallic nanoparticles (like gold), iron oxide nanoparticles (like magnetite) and quantum dots (like CdS).



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APPLICATIONS

- ✓ Gene silencing
- ✓ Drug delivery
- ✓ Fluorescence imaging
- ✓ Photodynamic therapy



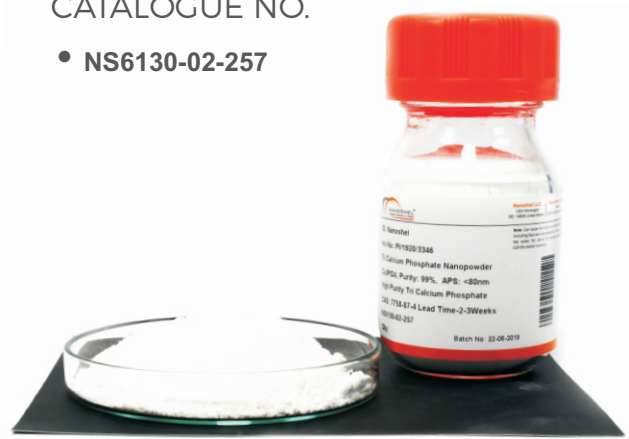
SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: Ca₃(PO₄)₂
- ✓ Molecular Weight: 310-18 g/mol
- ✓ Color: White shapeless powder
- ✓ Density: 3.18 g/cm³
- ✓ Melting Point : >450°C

All types of particles size are available in micro and nano range.

CATALOGUE NO.

• NS6130-02-257



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