

# LANTHANUM III

## Phosphate Hydra

Lanthanide phosphate are promising candidates as carriers for alpha and beta emitters in RIT, TAT and imaging applications. Lanthanide phosphate (LaPO<sub>4</sub>) is the first element and prototype of the lanthanide series. Lanthanum phosphate is one among the lanthanide family of rare earth phosphate characterized by versatile properties such as hydrophobicity, metallophobicity, low thermal conductivity and machinability.

**LaPO<sub>4</sub>.xH<sub>2</sub>O**

**CAS**  
14913-14-5

NS6130-12-000350

### Quick Facts

Product	: Lanthanum III Phosphate Hydra
Stock No	: NS6130-12-000350
CAS	: 14913-14-5
Color	: White
Form	: Powder

### TECHNICAL Specification

APS	: 40-50µm
Purity	: 99.9%
Molecular Weight	: 251.89 g/mol
Density	: N/A
Solubility	: Insoluble in water

### APPLICATIONS

- ✓ Coloring agent of glass and ceramics
- ✓ Used as a sintering additive
- ✓ Used as dopants for high-efficiency solid state lasers.
- ✓ In electric capacitors
- ✓ As catalysts and catalyst supports

**APS**  
40-50µm

**PURITY**  
99.9%



### Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders

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20ZICE4589C



19ZAZG01274G



20ZICE4588M

ISO 9001:2015  
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