

### Appearance

A porous object composed of nano-size hydroxyapatite crystals with white color in powder or spherical form.

### Chemical Composition (by weight)

Chemical Formula	$\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$
Phosphorus pentoxide ( $\text{P}_2\text{O}_5$ )	42.39 %
Calcium oxide (CaO)	55.82 %
Water ( $\text{H}_2\text{O}$ )	1.79 %

### Physical Properties

Bulk Density	0.8 - 0.9 $\text{g}/\text{cm}^3$
Specific Surface Area	> 120 $\text{m}^2/\text{g}$

### Applications

Typical healthcare applications of GL1661 include: an absorber for ions, molecules, and drugs. Also used for environmental remediation, etc...