

# Specification

**Formula Hill:** CaHO<sub>4</sub>P  
**Molar Mass:** 136.06 g/mol  
**CAS N°:** 7757-93-9

**102750 Calcium hydrogen phosphate anhydrous, Ph. Eur., USP**

	Specification
Assay	97.5 - 102.5 %
Identity	conforms
Appearance	crystalline powder or crystals
Colour	white, almost white or colourless
Acid-insoluble substances	≤ 0.2 %
Solubility	conforms
Carbonate (CO <sub>3</sub> )	conforms
Chloride (Cl)	≤ 0.25 %
Fluoride (F)	≤ 0.0050 %
Sulfate (SO <sub>4</sub> )	≤ 0.5 %
As (Arsenic)	≤ 3 ppm
Ba (Barium)	conforms
Fe (Iron)	≤ 0.0400 %
Loss on ignition	6.6 - 8.5 %
Particle size	
- ≤ 120 mesh (125µm)	70 - 100 %
- ≥ 120 mesh (125µm)	0 - 30 %
Bulk density	0.55 - 0.80 g/ml
Tapped density	1.2 - 1.5 g/ml

Conforms to Ph. Eur., USP specification

This data sheet is representative of the current specifications for this product at the time of printing.  
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..