

Typical Product Specifications & Properties

Calcium Phosphate dibasic anhydrous, USP FCC PE

CAS Number: : 7757-93-9

Specifications	Limits
Arsenic PPM	1 Max
Heavy Metals, PPM	15 Max
SiO ₂	Passes Test
Density	2.306
Slightly Soluble	in water
Color	White powder
P ₂ O ₅	51.5%
CaO	41.0%
MgO - Magnesium Oxide (%)	98.0-105.0
CO ₂	98.0-101.0
Loss on Drying	2.0% Max
Loss on ignition (550°C)	7.0% - 8.0%

Specifications	Limits
pH of 10% water solution	7
Soluble Ash	2.0% Max
Lead	2 PPM Max
Barrium & Strontium	Passes Test
Chloride	300 PPM Max
Flouride	50 PPM Max
Sulfate	0.16 Max
Bulk Density	850 g/l
Insolubility	in alcohol
Odor	wh. cryst. powd., odorless, tasteless
Molecular weight	136.07
Solubility	dilute hcl, nitric, and acetic acids