

Typical Product Specifications & Properties

Calcium Phosphate monobasic monohydrate FCC

CAS Number: : 10031-30-8

Specifications	Limits
Density	2.22 (184 c)
Description	Mono Calcium Phosphate Monohydrate is a white spr
Molecular Weight (theoretical)	252.16
Sensoric	White powder
Odour	Practically Odorless
Identification	Meets FCC tests
Assay %	(as Ca) : 15.9 - 17.7 %(as CaO) : 22.2 - 24.7 %
Loss on Drying	(3hrs at 60 °C) : 1.0 % Max
Loss on ignition (550°C)	(800 °C) : 14-15.5 %
Heavy Metals, as Pb	10 ppm Max
Lead	(as Pb) : 2 ppm Max
Flouride	(as F) : 25 ppm Max

Specifications	Limits
Arsenic PPM	1 ppm Max
P2O5	55 % Min
Neutralization Value	80 Min
pH of 10% water solution	(1% slurry) : 3.1 - 3.7
Standard Specifications	Mono Calcium Phosphate Monohydrate meets the stand
Melting Point	loses water at 100 c, dec. 200 c
Color	colorless pearly scales or powder, strong acid taste
Molecular weight	252.08
Solubility	water and acids