

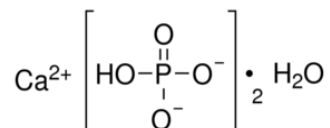
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Dicalcium Phosphate (DCP) R – Feed Grade



Dicalcium phosphate dihydrate; Calcium hydrogen phosphate dihydrate; Calcium hydrogen phosphate hydrate (1:1:2); Calcium monohydrogen phosphate dihydrate; Calcium phosphate, dibasic, dihydrate

CHEMICAL CHARACTERISTICS

CAS N°:	7789-77-7
EINECS N°:	231-826-1
Molecular Formula:	(Ca(HPO ₄).2H ₂ O) or CaHPO ₄ .2H ₂ O or CaH ₅ O ₆ P
Molecular Weight (g/mol):	172.09
Physical Description:	White powder or granular
Density (t/m ³):	0.5 – 0.6

TECHNICAL PROPERTIES

Mass fraction of total phosphorus (in terms of P), not less than %	18.1
Mass fraction of total phosphorus soluble, % of total phosphorus:	
- in 2% citric acid, not less than %	90.0
- in water, not more than %	10.0
Mass fraction of total calcium (Ca), not less than, %	24.1
Mass fraction relation of calcium to phosphorus (Ca/P), not less than	1.33
Mass fraction of fluorine (F) not more than, %	0.20
Mass fraction of moisture (at t 105°C for 3 hours), not more than, %	4.0
pH of water solution with mass fraction 1%	5.5 – 6.5
Particle size:	
- > 2 mm, %	10
- 0.5 mm – 2.0 mm, not less than, %	15
- < 0.5 mm, not more than, %	75

APPLICATION

Dicalcium Phosphate (DCP) is used as feed additives, mainly used in increasing breeding rate and survival rate of raises and birds; improving yields of eggs and meat.

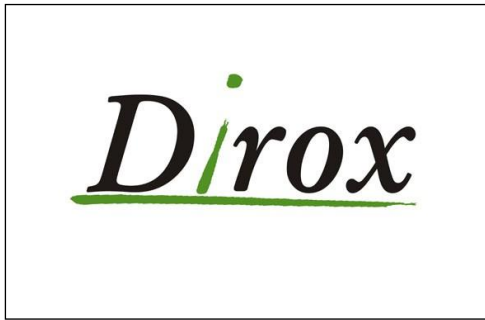
In food processing industry, as leavening agent, buffer, nutritional supplement, emulsifier, stabilizer

In pharmaceutical industry to make calcium tablets, tablet medicine additive etc.



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PACKING & STORAGE

Dicalcium Phosphate (DCP) is packed in 25 kg polypropylene bags or special big bag containers (4 sling) with a maximum mass of 1 ton. Dicalcium Phosphate (DCP) is stored in the manufacturer's packaging in dry heated storage rooms on wooden shelves or pallets at a temperature of 10°C to 30°C, relative humidity of 70%.

GUARANTEED SHELF LIFE

Recommended shelf life of Dicalcium Phosphate (DCP) is 24 months from the manufacture date.
No expiry date when stored according to requirements.

TRANSPORT

Dicalcium Phosphate (DCP) can be transported by all types of transport in accordance with Goods Transport Rules applicable for this vehicle of product.

CERTIFICATION

Product safety is confirmed by the Safety Data Sheet.
The DCP productions process is certified for compliance with the HACCP & GMP+ B2 International Feed Safety Standards.

By more information contact to: sales@dirox.com.uy

