



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Dicalcium Phosphate (DCP)

Product: Dicalcium Phosphate (DCP)

Molecular Formula: $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$

Molecular Weight: 172.09 g/mol

Cas No.: 7789-77-7

Density: 2.31 g/cm³

UN No. Non-hazardous for transport

HS Code: 28352500

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity ($\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$)	≥98.0%	≥95.0%	98.5%
Phosphorus (P)	≥18.0%	≥17.0%	18.5%
Calcium (Ca)	≥23.0%	≥22.0%	23.5%
Fluorine (F)	≤0.15%	≤0.20%	0.12%
Arsenic (As)	≤5 ppm	≤10 ppm	3 ppm
Heavy metals (as Pb)	≤20 ppm	≤30 ppm	15 ppm

Chemical Properties

Chemical Properties: White crystalline powder. Density: 2.31 g/cm³.

Changsha RuiYang Material Co., Ltd.

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