

REVOCAP®

**RECYCLED FEED
AND FERTILISER
PHOSPHATE**





REVOCAP®

$\text{Ca}_5(\text{PO}_4)_3\text{OH}$

<0.1 mg Cd/kg

<0.015 mg F/kg



ADVANTAGES OF REVOCAP®

As a pure, non-crystalline calcium phosphate, EasyMining's RevoCaP delivers a wide range of environmental benefits. Furthermore, its performance as a feed phosphate and crop fertiliser is well documented.



RevoCaP is 100% recovered calcium phosphate.



High purity product fulfils EU fertiliser legislation²⁾ and feed legislation³⁾.



Its CO₂ emissions are lower than mined phosphate¹⁾.



Excellent uptake and performance in both livestock and crops.

PRECIPITATED CALCIUM PHOSPHATE

Thanks to innovative chemical recycling, EasyMining efficiently recovers phosphorus from incinerated wastewater sewage sludge ash. Moreover, because the sludge has been incinerated prior to recycling, the precipitated calcium phosphate is exceptionally pure. The recycled product (RevoCaP) can be used both as a slow, controlled-release fertiliser and as an animal feed phosphate.

Using phosphorus recovered from sewage sludge ash as a fertiliser or feed phosphate will help substitute virgin rock materials, prolong the working life of mines, increase domestic production of phosphates, lower the levels of contaminants like cadmium, and save significant amounts of CO₂ emissions.

Key parameters in RevoCaP	Value
Phosphorus	17%
Calcium	35%
DS	95%
Formula	Ca ₅ (PO ₄) ₃ OH
Cas No.	12167-74-7

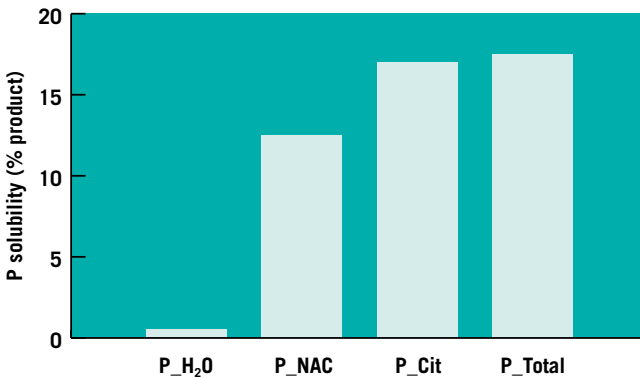
REVOCAP® AS A FEED PHOSPHATE

RevoCaP is very pure. It displays the same solubility in citric acid as commercial mono-calcium phosphate and has high digestibility in pigs and poultry.

Element	Legal limit ³⁾	RevoCaP typical value
Fluorine	2000 ppm	<0.015 ppm
Cadmium	10 ppm	<0.1 ppm
Arsenic	10 ppm	<3.14 ppm
Mercury	0.1 ppm	<0.1 ppm
Lead	15 ppm	<3.6 ppm
Dioxins	0.75 ppb	<0.1 ppb
PCB	10 ppb	<0.1 ppb

REVOCAP® AS A SLOW, CONTROLLED FERTILISER

RevoCaP performs well as a slow, controlled fertiliser in acidic soils. It's solubility in ammonium citrate is approximately 80%.



Solubility of RevoCaP in water, neutral ammonium citrate (NAC) and citric acid (Cit).

Scan the QR-code to read more about RevoCaP.



- 1) Life Cycle Analysis performed by the Swedish Environmental Research Institute 2020
- 2) Regulation 2019/1009
- 3) EU Directive 2002/32/EC, 2003/57/EC and 2006/13/EC

Sara Stiernström

Product Manager

sara.stiernstrom@easymining.com

+46 70 927 28 85

www.easymining.com