

Product description

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| Chemical name | Calcium Monohydrogen Phosphate Dihydrate |
| Chemical formula | Ca(HPO ₄) x 2H ₂ O |
| EC nr | 231-826-1 |
| CAS nr | 7757-93-9 |
| Description | It occurs as as a white, odourless, fine powder which is stable in air, chemically obtained from inorganic sources. It has a low solubility in water, nut it's readily soluble in diluted acids and ammonium citrate. |

Physical characteristics

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| Apparent density | Loose: 0.8 – 0.9 kg/dm ³ Tapped: 1.02 – 1.12 kg/dm ³ |
| Particle size | > 0.5 mm: 6% 0.5 – 0.2 mm: 30% < 0.2 mm: 64% |
| Packaging | Bulk, paper bag 25 Kg net, big-bag 1000 - 1400 kg net |
| Handling and storage | Dicalcium phosphate is a mineral, which is a stable feed. It should be stored in a dry cool and hygienic place, in properly packaging |

Bioavailability indicators

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| Solubility of Phosphorus in: | Citric acid 2%: 95% min |
| | Neutral ammonium citrate: 95% min |
| | Alkaline ammonium citrate: 95% min |
| | Water: 10 – 25% |

Chemical characteristics

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| Total Phosphorus (P) | 18.0 – 0.2% |
| Calcium (Ca) | 24.0 – 1.0% |
| Ca/P | 1.33 |
| Moisture | 2.5% max |
| pH (solution in water) | 5.0 – 6 |
| pH | max 7.0 |
| Chlorides (Cl) | 150 mg/kg max |

Undesirable substances

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| Fluorides | < 0.2% |
| Cadmium | < 10 mg/kg |
| Lead | < 15 mg/kg |
| Arsenic | < 10 mg/kg |
| Mercury | < 0.1 mg/kg |
| Dioxins (WHO-TEQ) | < 1.0 ng/kg |
| Non-dioxin-like PCBs | < 10 µh/kg |

Our certificates



Formulated

Karolina Borkowska
kborkowska@foodcom.pl

Approved by

Mateusz Augustyniak
maugustyniak@foodcom.pl