

## CALIPHARM® A DICALCIUM PHOSPHATE ANHYDROUS POWDER (PHARMA)

<b>Product description:</b>	Excellent for chewable multivitamins and vitamin premixes.
<b>Benefits:</b>	Tablet and capsule diluent as well as a source for calcium and phosphorus
<b>Composition:</b>	Dicalcium Phosphate Anhydrous (CAS # 7757-93-9)
<b>Alternative names:</b>	Dibasic Calcium Phosphate Anhydrous Phosphoric acid, calcium salt (1:1) Calcium Phosphate, Anhydrous (1:1) Calcium Hydrogen Phosphate Anhydrous Calcii hydrogenophosphas anhydricus
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Used as an excipient in the manufacture of medicinal and nutraceutical products</li> <li>• Source of calcium and phosphorus in nutritional supplements</li> </ul>

### TYPICAL PROPERTIES:

<b>Molecular formula:</b>	CaHPO <sub>4</sub>
<b>Molecular weight:</b>	136.1 g/mol
<b>Appearance: *</b>	White powder
<b>Odor: *</b>	Odorless
<b>Flavor:</b>	Tasteless
<b>pH (20% slurry): *</b>	7.0-8.0
<b>Identification A: *</b>	White precipitate forms
<b>Identification B: *</b>	Yellow precipitate forms

All information is offered in good faith, without guarantee or obligation for its accuracy or sufficiency or for the results a user obtains and is at the user's risk. User must determine the suitability of the product for its particular use. User must determine the suitability of the product for its particular use and ensure that all such uses and applications (including user's labeling of its products) comply with applicable law.

<b>Assay as CaHPO<sub>4</sub>: *</b>	98.0-102.5%
<b>Calcium content:</b>	29.1% (typical)
<b>Phosphorus content:</b>	22.6% (typical)
<b>Particle size: *</b>	
<b>On 200 mesh</b>	0.1% Max
<b>On 325 mesh</b>	1.0% Max
<b>Solubility:</b>	Practically insoluble in cold water and in ethanol (96%). It dissolves in dilute hydrochloric acid and in dilute nitric acid.
<b>Additional information on composition: *</b>	
<b>Arsenic (As)</b>	2 ppm Max
<b>Fluoride (F)</b>	50 ppm Max
<b>Lead (Pb)</b>	0.25 ppm Max
<b>Sulfate (S)</b>	0.48% Max
<b>Chloride (Cl)</b>	2480 ppm Max
<b>Heavy metals (as Pb)</b>	30 ppm Max
<b>Carbonate</b>	No effervescence
<b>Barium (Ba)</b>	No turbidity in 10 mins
<b>Acid insoluble substances</b>	0.20% Max
<b>Iron (Fe)</b>	400 ppm Max
<b>Loss on ignition</b>	6.6-8.5%

\*These parameters are listed in the COA.

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<b>Regulatory:</b>	USP/EP/JP Non-BE, Halal, Kosher ISO: ISO-9001: 2015 (NSH-ISR) BSE/TSE: No materials of animal origin are used Residual Solvents: The product is free of Residual Solvents USMCA
<b>Storage:</b>	Store at room temperature
<b>Additional information:</b>	25 kg net wt. paper bags – Resource Code F110BG0065  Transport Inland International Legislation (RID-ADR) Sea freight (OMI) Air freight (IATA)  RETEST DATE: 36 months after the date of manufacture
<b>Contact information:</b>	Customer service: 1-800-243-5052 Email: <a href="mailto:customerservice@innophos.com">customerservice@innophos.com</a>

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