
DICALCIUM PHOSPHATE DIHYDRATE (FOOD)

Product description:	Used as a nutritional source of calcium and phosphorus in food products. Also used as a heat triggered source of acidity for leavening.
Composition:	Phosphoric Acid, Calcium Salt (1:1) Dihydrate (CAS# 7789-77-7)
Alternative names:	Calcium Phosphate, Dibasic, Dihydrate Dibasic Calcium Phosphate, Dihydrate Calcium Monohydrogen Phosphate Dihydrate
Applications:	<ul style="list-style-type: none">• Nutrient calcium and phosphorus mineral supplement• Leavening agent• Dough conditioner• Yeast food

TYPICAL PROPERTIES:

Molecular formula:	CaHPO ₄ ·2H ₂ O
Molecular weight:	172.1
Appearance:	White powder
Odor:	Odorless
Flavor:	Tasteless
Density: Tapped density:	72 lb/ft ³
pH (20% slurry): *	7.0 - 8.0

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.

Particle Size: *	
On 200 Mesh	0.1% Max
On 325 Mesh	1.0% Max
Additional information on composition: *	
Arsenic (As)	Max 3 ppm
Fluoride (F)	Max 50 ppm
Lead (Pb)	Max 2 ppm
Loss on Ignition	24.5 - 26.5%
Acid Insolubles	Max 0.20%
Assay (CaHPO₄)	Min 97.0%, Max 105.0%

*These parameters are listed in the COA.

Regulatory: Complies with the specifications of the current edition of the Food Chemicals Codex
Halal, Kosher

Storage: Store at room temperature

Manufacturing location: Chicago Heights, IL

Shipping points: Chicago Heights, IL

Standard containers: 50 lb net weight multi-walled bag with poly liner

Additional information: Retest 1095 days from date of manufacture

Contact information: Customer service: 1-800-243-5052
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