

CALCIUM BIS-(DIHYDROGEN PHOSPHATE) MONOHYDRATE

CA0211 Calcium bis-(dihydrogen phosphate) monohydrate, EssentQ®

- Synonyms: Calcium biphosphate
- $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$
- $M = 252,07 \text{ g/mol}$
- CAS [10031-30-8]
- EINECS-No.: 231-837-1
- Solub. in water: (20 °C): insoluble
- Melting point: 109 °C
- Tariff number: 2835 26 10 00
- Applications: analytical chemistry, in fertilizer compositions, in food industry, in the production of enamels.

assay (complexometric) min. 98 %
chlorides (Cl) max. 0,005 %
arsenic (As) max. 2 ppm
copper (Cu) max. 0,003 %
iron (Fe) max. 0,01 %
heavy metals (as Pb) max. 0,003 %
lead (Pb) max. 0,003 %
nickel (Ni) max. 0,003 %

ART. NO.	VOLUME	CONTAINER
CA02110500	500 g	Ⓟ
CA02111000	1 kg	Ⓟ
CA0211005P	5 kg	Ⓟ

CALCIUM HYDROGEN PHOSPHATE DIHYDRATE

CA0210 Calcium hydrogen phosphate dihydrate, extra pure, Phampur®, Ph Eur, BP, USP

- Synonyms: Calcium phosphate dibasic
- $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
- $M = 172,10 \text{ g/mol}$
- CAS [7789-77-7]
- EINECS-No.: 231-826-1
- Solub. in water: (25 °C): 0,2 g/l
- Tariff number: 2835 25 10 00
- Applications: analytical chemistry, in food industry, manufacture of glass, for dentistry, in pharma industry.

assay (complexometric) 98,0 - 105,0 %
identification passes test
acid-insoluble matter max. 0,2 %
carbonates (as CO_2) passes test
chlorides (Cl) max. 0,25 %
fluorides (F) max. 50 ppm
sulfates (SO_4) max. 0,5 %
arsenic (As) max. 3 ppm
barium (Ba) passes test
iron (Fe) max. 400 ppm
residue on ignition (800°C) 24,5 - 26,5 %
Elemental impurities are analysed according to guideli-

ne CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
CA02100500	500 g	Ⓟ
CA02101000	1 kg	Ⓟ
CA0210025P	25 kg	Ⓟ

CALCIUM HYDROXIDE

- $\text{Ca}(\text{OH})_2$
- $M = 74,09 \text{ g/mol}$
- CAS [1305-62-0]
- EINECS-No.: 215-137-3

- GHS-signal word: Danger
- GHS-H sentences: H318
- GHS-P sentences: P280 - P305 + P351 + P338 - P310

- Tariff number: 2825 90 19 00
- Applications: in building materials, in lubricant compositions, painting, laboratory reagent.

CA0215 Calcium hydroxide, 90%, EssentQ® 

assay (acidimetric) approx. 90 %

ART. NO.	VOLUME	CONTAINER
CA02150250	250 g	Ⓟ
CA02150500	500 g	Ⓟ

ART. NO.	VOLUME	CONTAINER
CA02151000	1 kg	Ⓟ

CA0216 Calcium hydroxide, powder, extra pure, Phampur®, Ph Eur, BP, USP 

assay (acidimetric) 95,0 - 100,5 %
identification passes test
insoluble in HCl max. 0,5 %
carbonates (as CaCO_3) max. 5,0 %
carbonates passes test
chlorides (Cl) max. 330 ppm
sulfates (SO_4) max. 0,4 %

arsenic (As) max. 4 ppm
magnesium and alkali metals max. 4,8 %
magnesium and alkali metals (as SO_4) max. 4,0 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
CA02160500	500 g	Ⓟ
CA02161000	1 kg	Ⓟ
CA0216005P	5 kg	Ⓟ
CA0216025P	25 kg	Ⓟ

Scharlau HPLC vials

