



Specification

Concerning Product:	
Article number	7757939V01
Trade name / designation / denomination	Di-Calciumphosphat, anhydrat EP/USP/LM
CAS number	7757-93-9
Other names / synonyms	•Calcium hydrogenorthophosphate, fluorine < 0,005 %; •Calcium hydrogenorthophosphate, fluorine > 0,005 % & < 0,2 %; •Dicalciumorthophosphat; •calcium hydrogenorthophosphate;
EC number	231-826-1
Customs tariff number / CN code / TARIC	28352500
Molecular weight [g / mol]	136,06
Formula	CaHPO ₄ HCaO ₄ P

Parameter	Specification	Unit
Organoleptic test		
Appearance	white powder	
Physical parameter		
Loss on drying	≤ 2,0	%
Loss on ignition	6,6 – 8,5	%
Bulk density	800 – 1000	g/l
Identity		
Assay	CaHPO ₄ 98,0 – 102,0	%
Assay	Microbiological purity ≤ 1000	cfu/g
Identification	A, B: complies	
Impurities		
Heavy Metals (as Pb)	≤ 15	ppm
Insoluble impurities	in acid ≤ 0,2	%
Sulphates (SO ₄)	≤ 0,5	%
Impurity	Carbonates: complies	%
Impurity	Fluoride ≤ 50	ppm
Impurity	Mono- u. Tricalcium phosphate 14,0 – 15,5	ml
Residual Solvents		
Residual solvents	The product does not contain any residual solvents (Class 1, 2 and 3) according to ICH Q3C. The product contains only water as a solvent.	
Elemental Impurities		
Aluminium (Al)	≤ 70	ppm
Arsenic (As)	≤ 1	ppm
Barium (Ba)	passes test	
Cadmium (Cd)	≤ 1	ppm
Chlorides (Cl)	≤ 330	ppm
Iron (Fe)	≤ 100	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 1	ppm

Organic volatile impurities		
Org. volat. Imp. Total	complies	
Microbiological data		
Yeast and Mould	≤ 1000	CFU/g
Particle size distribution		
Particles	< 325 Mesh ≥ 99,0	%

Regulatory information:

Allergens statement: The product does not contain any allergens according to Regulation (EU) No. 1169/2011, Annex II and its amendment (EU) No. 78/2014.

BSE/TSE statement: A risk of contamination with BSE/TSE can be excluded

Ethylene Oxide (EtO) Statement: The presence of ETO is unlikely.

GMO statement: The product does not contain or consist of GMOs and there is no obligation for labelling as defined by the Regulations (EC) No. 1829/2003 and 1830/2003.

Irradiated Status: The product is not treated with irradiation during the production process, packaging and/or storage.

Nanoparticles: The product does not contain nanomaterial acc. to the definition of Regulation (EU) 2015/2283 article 3 (2)(f).

Supplemental information:

Shelf life: 3 years

Note: Nutritional information: inorganic substance without nutritional values

The product does not come into contact with substances on the current World Anti-Doping Agency (WADA) Prohibited List during the production process, packaging and storage. These substances are neither produced nor handled at the production site.

The product does not contain any palm-based ingredients.

Storage conditions: Store in original packaging tightly closed in a cool, dry, well-ventilated place

Packing: Meets the requirements of the Regulations 10/2011/EU, 1935/2004/EC and 2023/2006/EC.

Usage: The product is suitable for a vegetarian nutrition. The product is suitable for a vegan nutrition. The product is in compliance with Jewish dietary laws. The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Jan. 2025

LF-Basis: 1 (2024-11-11)

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