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Specification

Concerning Product:	
Article number	27214002VP
Trade name / designation / denomination	Calciumglycerophosphat, EP
CAS number	27214-00-2
Other names / synonyms	•Calcium glycerophosphate 50% Solution; •calcium 1,3-dihydroxypropan-2-yl phosphate; •calcium glycerophosphate;
EC number	248-328-5
Customs tariff number / CN code / TARIC	29199000
Molecular weight [g / mol]	210.135841
Formula	$C_3H_7CaO_6P$

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	max. ref. sol. III	
Appearance	white or almost white powder	
Physical parameter		
Acidity/Alkalinity	≤ 1,5	ml
Loss on drying	≤ 12	%
Identity		
Assay	(dried substance) 18.6 – 19,4	%
Identification	(B and A): complies	
Impurities		
Phosphate (PO4)	≤ 400	%
Sulphates (SO_4)	0,1	%
Impurity	Citric acid	%
Impurity	Glycerol and ethanol (96%)-soluble substances	%
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Chlorides (Cl)	≤ 500	ppm
Iron (Fe)	≤ 50	ppm

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Waltrop, 18. Sep. 2023

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