



Spezifikation

Produktbezug:	
Produktnummer	27214002MI19
Handelsname / Bezeichnung	Calciumglycerophosphat (19% Ca)
CAS Nummer	27214-00-2
Andere Bezeichnungen / Synonyme	•Calcium glycerophosphate 50% Solution; •Calciumglycerophosphat; •Calciumglycerophosphat Lösung 50%; •Glycerol-1-dihydrogenphosphat, Calciumsalz; •calcium 1,3- dihydroxypropan-2-yl phosphate; •calcium glycerophosphate;
EG Nummer	248-328-5
Zolltarifnummer / CN-Code	29199000
Molekulargewicht [g/mol]	210.135841
Formel	$C_3H_7CaO_6P$

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	entspricht	
Farbe	weißes oder cremeweiß	
Geschmack	geschmacklos	
Geruch	geruchlos	
Physikalische Parameter		
Säuregehalt	(0,1 N HCl / 0,1 N NaOH): $\leq 1,7$	ml
Form (Aggregatzustand)	Pulver	
Löslichkeit	in H ₂ O: 1 g / 100 ml	
Löslichkeit	unlöslich in Alkohol	
Identifikation		
Gehalt	Ca (o.d.b.): 18,6 – 19,4	%
Gehalt	Glycerophosphat (0,5 N HCl): $\geq 7,5$	ml
Identifizierung	entspricht	

Verunreinigungen		
Citrat	entspricht	
Glührückstand	51,0 – 57,0	%
Löslicher Anteil	in Alkohol (Glycerol): ≤ 1,0	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 3	ppm
Mikrobiologische Daten		
Escherichia Coli.	neg.	/1 g
Salmonellen	neg.	/25 g
Staphylococcus Aureus	neg.	/1 g
Gesamtkeimzahl	≤ 10000	CFU/g
Schimmel und Hefe	≤ 1000	CFU/g

Anmerkung:

o.d.b. = on dry basis

Zusätzliche Angaben:

Hinweis: Dieses Produkt ist für die Anwendung in Pharmaprodukten zugelassen und darf nicht im Lebensmittelbereich verwendet werden

Verpackung: Karton a 25 kg

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Feb. 2023

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