



Spezifikation

Produktbezug:	
Produktnummer	66905235CPUL
Handelsname / Bezeichnung	Calciumgluconat Monohydrat, USP, FCC, E
CAS Nummer	66905-23-5
Andere Bezeichnungen / Synonyme	•Calcium gluconate monohydrate; •Calcium gluconate monohydrate injectable; •Calciumgluconate Monohydrat; •Calciumgluconate Monohydrat injectable;

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	feines, weißes Pulver	
Geschmack	charakteristisch	
Geruch	geruchlos	
Physikalische Parameter		
Trocknungsverlust	≤ 2,0	%
Molare Masse	≤ 448,39	g/mol
pH-Wert	5% Lösung 6,0 – 8,0	%
Reduzierende Substanzen	≤ 1,0	%
Löslichkeit	in Wasser: löslich, in Ethanol: unlöslich	
Identifikation		
Gehalt	≥ 98,5	%
Identifizierung	A, B: entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	ppm
Oxalate (als wasserfreie Oxalsäure)	≤ 0,01	%
Phosphat (PO ₄)	≤ 0,01	%
Sulphat (SO ₄)	≤ 0,05	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Chloride (Cl)	≤ 0,07	%
Eisen (Fe)	≤ 5	ppm
Blei (Pb)	≤ 2	ppm
Mikrobiologische Daten		
Escherichia Coli.	negativ	
Salmonellen	negativ	
Staphylococcus Aureus	negativ	
Gesamtkeimzahl	≤ 10000	KBE/g
Schimmel und Hefe	≤ 1000	KBE/g
Partikelgrößenverteilung		
Partikel	< 80 Mesh ≤ 100	%

Zusätzliche Angaben:

Entspricht der Monographie: USP, FCC, E 578

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Mar. 2020

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