



Spezifikation

Produktbezug:	
Produktnummer	4468024MPUL
Handelsname / Bezeichnung	Zinkgluconat, USP, FCC
CAS Nummer	4468-02-4
Andere Bezeichnungen / Synonyme	•(2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanoic acid; zinc; •Zinc gluconate; •Zinkgluconat; •bis(D-gluconato-O1,O2)zinc;
EG Nummer	224-736-9
Zolltarifnummer / CN- Code	29181600
Molekulargewicht [g/mol]	457.71956
Formel	C ₁₂ H ₂₄ O ₁₄ Zn

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	feines, weißes Pulver	
Geruch	geruchlos	
Physikalische Parameter		
Trocknungsverlust	≤ 11,6	%
pH-Wert	5,5 – 7,5	
Reduzierende Substanzen	≤ 1,0	%
Identifikation		
Gehalt	(auf wasserfreier Basis) 98,0 – 102,0	%
Identifizierung	A,B: entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	ppm
Sulphat (SO ₄)	≤ 0,05	%
Verunreinigung	Flüchtige organische: entspricht	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Cadmium (Cd)	≤ 2	ppm
Chloride (Cl)	≤ 0,05	%
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 2	ppm
Mikrobiologische Daten		
Escherichia Coli.	Negative	CFU/g
Salmonellen	Negativ	
Staphylococcus Aureus	Negative	
Gesamtkeimzahl	≤ 10000	KBE/g
Schimmel und Hefe	≤ 1000	KBE/g
Partikelgrößenverteilung		
Partikel	80 mesh: ≤ 100	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Sep. 2019

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