



Spezifikation

Produktbezug:	
Produktnummer	527071JUL
Handelsname / Bezeichnung	Natriumgluconat Granulat USP/FCC (E576)
CAS Nummer	527-07-1
Andere Bezeichnungen / Synonyme	•Natriumgluconat; •sodium 2,3,4,5,6-pentahydroxyhexanoate; •sodium gluconate;
EG Nummer	208-407-7
Zolltarifnummer / CN-Code	29181600
Molekulargewicht [g/mol]	218,14
Formel	C6H11NaO7

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	weißes bis fast weißes Granulat oder feines, kristallines Pulver gut löslich in Wasser, schwer löslich in Alkohol, unlöslich in Ether hergestellt durch Fermentation	
Physikalische Parameter		
pH-Wert	(10 %ige Lösung, 20°C) 6,5 – 7,5	
Reduzierende Substanzen	≤ 0,5	%
Identifikation		
Gehalt	99,0 – 101,0	%
Identifizierung	entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	mg/kg
Sulphat (SO ₄)	≤ 100	mg/kg
Elementare Verunreinigungen		
Arsen (As)	≤ 2	mg/kg
Chloride (Cl)	≤ 50	mg/kg
Blei (Pb)	≤ 1	mg/kg
Mikrobiologische Daten		
Gesamtkeimzahl	≤ 200	CFU/g
Schimmel und Hefe	≤ 10	CFU/g

Partikelgrößenverteilung		
Partikel	<0,15 mm ≤ 35	%
Partikel	>1,18 mm ≤ 10	%

Zusätzliche Angaben:

Mindesthaltbarkeit: 36 Monate

Lagerbedingungen: Behälter dicht geschlossen halten. An einem trockenen und gut belüfteten Ort lagern.

Entspricht der Monographie: USP/FCC (E576)/EU 231/2012

Verpackung: 25 kg Säcke

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Apr. 2023

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