



Spezifikation

Produktbezug:	
Produktnummer	7647145VREUJ
Handelsname / Bezeichnung	Natriumchlorid chem. rein, EP/USP/JP
CAS Nummer	7647-14-5
Andere Bezeichnungen / Synonyme	•Natriumchlorid; •sodium chloride;
EG Nummer	231-598-3
Zolltarifnummer / CN-Code	25010099
Molekulargewicht [g/mol]	58,44
Formel	NaCl ClNa

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar und farblos	
Aussehen		weißes oder fast weißes, kristallines Pulver oder farblose Kristalle	
Physikalische Parameter			
Säuregehalt		(0,01 M NaOH): ≤ 0,5	ml
Trocknungsverlust		≤ 0,5	%
Löslichkeit		frei löslich in Wasser, praktisch unlöslich in wasserfreiem Ethanol	
Identifikation			
Gehalt		99,0 – 100,5	%
Identifizierung	Chlorid	entspricht	
Identifizierung	Natrium	entspricht	
Verunreinigungen			
Schwermetalle (als Pb)		≤ 3	ppm
Nitrate		≤ 0,01	
Phosphat (PO ₄)		≤ 25	ppm
Sulphat (SO ₄)		≤ 200	ppm

Elementare Verunreinigungen			
Aluminium (Al)		≤ 0,2	ppm
Arsen (As)		≤ 1,0	ppm
Barium (Ba)		≤ 10	ppm
Brom (Br)		≤ 100	ppm
Calcium (Ca)		≤ 100	ppm
Eisen (Fe)		≤ 2,0	ppm
Jod (I ₂)		produziert keine blaue Farbe	
Kalium (K)		≤ 500	ppm
Magnesium (Mg)		& Alkalimetals: ≤ 100	ppm
Mikrobiologische Daten			
Bakterielle Endotoxine		≤ 5	IU/g

Zusätzliche Angaben:

Lagerbedingungen: Dieses Produkt erfordert keine besonderen Temperaturen bei der Lagerung. In der verschlossenen Originalverpackung aufbewahren. Das Produkt ist feuchtigkeitsempfindlich.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Jun. 2022

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