



Spezifikation

Produktbezug:	
Produktnummer	6132043VPEBUF
Handelsname / Bezeichnung	Trinatriumcitrat Dihydrat EP/BP/USP/E331
CAS Nummer	6132-04-3
Andere Bezeichnungen / Synonyme	•1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt, hydrate (1:3:2); •Natriumcitrat x 2 H ₂ O krist; •Natriumcitrat x 2 H ₂ O pulver; •Sodium Citrat crystalline; •Sodium Citrat powder; •Trinatriumcitratdihydrat; •trisodium 2-hydroxypropane-1,2,3-tricarboxylate dihydrate; •trisodium citrate dihydrate;
EG Nummer	612-118-5
Zolltarifnummer / CN-Code	29181500
Molekulargewicht [g/mol]	294.09957
Formel	C ₆ H ₉ Na ₃ O ₉

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		Normkonform	
Aussehen		Farblose Kristalle oder weißes kristallines Pulver	
Physikalische Parameter			
Säuregehalt		Normkonform	
Trocknungsverlust		10,0 – 13,0	%
pH-Wert		0,5% in H ₂ O 7,6 – 9,0	
Identifikation			
Gehalt		99,0 – 100,5	%
Identifizierung		Normkonform	
Verunreinigungen			
Schwermetalle (als Pb)		≤ 10	ppm
Oxalate (als wasserfreie Oxalsäure)		≤ 100	ppm
Leicht carbonisierbare Substanzen		Normkonform	
Sulphat (SO ₄)		≤ 150	ppm
Verwandte Substanzen	Tartrate	Conform to standard	
Verwandte Substanzen		Normkonform	% [w/w]
Elementare Verunreinigungen			
Arsen (As)		≤ 1	ppm
Chloride (Cl)		≤ 50	ppm
Quecksilber (Hg)		≤ 1	ppm
Blei (Pb)		≤ 2	ppm
Partikelgrößenverteilung			
Partikel		12 - 40 mesh	

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre

Entspricht der Monographie: EP/BP/USP/E 331

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 02. Dec. 2021

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