



Spezifikation

Produktbezug:	
Produktnummer	6100056V01
Handelsname / Bezeichnung	Trikaliumcitrat Monohydrat,EP,USP,FCC
CAS Nummer	6100-05-6
Andere Bezeichnungen / Synonyme	•1,2,3-Propanetricarboxylic acid, 2-hydroxy-, potassium salt, hydrate (1:3:1); •Citrat-Monohydrat; •Kalium Citrat Monhydrat krist; •Trikaliumcitratmonohydrat; •Tripotassium citrate monohydrate; •tripotassium 2-hydroxypropane-1,2,3-tricarboxylate;
EG Nummer	612-062-1
Zolltarifnummer / CN-Code	29181500
Molekulargewicht [g/mol]	306.3946
Formel	C ₆ H ₅ K ₃ O ₇

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen der Lösung	entspricht	
Aussehen	Weiße Kristalle	
Physikalische Parameter		
Säuregehalt	entspricht	
Wassergehalt	(Karl Fischer): 4,0 – 6,0	%
Trocknungsverlust	(180 Å°C / 4h) 4,0 – 6,0	%
pH-Wert	(5% Lösung) 7,5 – 9,0	
Identifikation		
Gehalt	(getrocknet) 99,0 – 100,5	%
Gehalt	(Kalium) 35,6 – 36,2	%
Identifizierung	entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 5	ppm
Oxalate (als wasserfreie Oxalsäure)	≤ 100	ppm
Sulphat (SO ₄)	≤ 100	%
Verunreinigung	Tartrat: entspricht	
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Chloride (Cl)	≤ 15	%
Quecksilber (Hg)	≤ 0,5	ppm
Natrium (Na)	≤ 0,3	%
Blei (Pb)	≤ 0,5	ppm
Organische flüchtige Verunreinigungen		
Org. flücht. Veru. in Summe	entspricht	

Zusätzliche Angaben:

Entspricht der Monographie: EP, USP, FCC, E 332(ii)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 05. Mar. 2026

LF-Basis: 0

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