



Spezifikation

Produktbezug:	
Produktnummer	6100056LP
Handelsname / Bezeichnung	Tri-Kaliumcitrat Monhydrat, EP
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	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung	10%	entspricht	
Aussehen		Weiße Kristalle	
Physikalische Parameter			
Säuregehalt		entspricht	
Trocknungsverlust		4,0 – 7,0	%
Identifikation			
Gehalt		99,0 – 101,0	%
Identifizierung	Citrat	positiv	
Identifizierung	Kalium	positiv	
Verunreinigungen			
Oxalate (als wasserfreie Oxalsäure)		≤ 0,03	%
Sulphat (SO ₄)		≤ 0,015	%
Elementare Verunreinigungen			
Chloride (Cl)		≤ 0,005	%
Mikrobiologische Daten			
Gesamtkeimzahl		TAMC ≤ 2000	CFU/g
Schimmel und Hefe		(TYMC): ≤ 200	CFU/g

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Jul. 2022

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