



Spezifikation

Produktbezug:	
Produktnummer	6100056UBLEU
Handelsname / Bezeichnung	Tri-Kaliumcitrat Monhydrat, EP, BP, USP,
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			
Farbe		entspricht	
Geschmack		Leicht salzig	
Geruch		geruchlos	
Physikalische Parameter			
Form (Aggregatzustand)	Körnig	Max. 1% verweigert 1180µm max. 0% passieren 150 µm	
Trocknungsverlust		3 – 6	%
pH-Wert		5% ige wässrige Lösung 7,9 – 9,0	
Identifikation			
Gehalt		99,00 – 100,50	%
Identifizierung		entspricht	
Verunreinigungen			
Freies Alkali (Ca(OH) ₂)		entspricht	%
Schwermetalle (als Pb)		≤ 5	ppm
Oxalate (als wasserfreie Oxalsäure)		≤ 100	ppm
Leicht carbonisierbare Substanzen		entspricht	
Sulphat (SO ₄)		≤ 150	ppm
Verunreinigung	Tartrat	entspricht	%
Restlösemittel			
Restlösemittel		entspricht	
Elementare Verunreinigungen			
Arsen (As)		≤ 1	ppm
Cadmium (Cd)		≤ 0,2	ppm
Chloride (Cl)		≤ 50	ppm
Quecksilber (Hg)		≤ 1	ppm
Natrium (Na)		≤ 0,3	%
Blei (Pb)		≤ 1	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: Produkt ist drei Jahre stabil unter kühlen und trockenen Bedingungen. Gelagert und in ungeöffneter Originalverpackung.

Verpackung: 25 kg Papptüten mit Polyethylenfolie und 500 kg oder 1.000 kg gewebten Polypropylen-Halbschüttbeuteln.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Sep. 2020

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