



Specification

Concerning Product:	
Article number	6100056LP
Trade name / designation / denomination	Tri-Kaliumcitrat Monhydrat, EP
CAS number	6100-05-6
Other names / synonyms	•1,2,3-Propanetricarboxylic acid, 2-hydroxy-, potassium salt, hydrate (1:3:1); •Citrat-Monohydrat; •Tripotassium citrate monohydrate; •tripotassium 2-hydroxypropane-1,2,3-tricarboxylate;
EC number	612-062-1
Customs tariff number / CN code / TARIC	29181500
Molecular weight [g / mol]	306.3946
Formula	C ₆ H ₅ K ₃ O ₇

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance of solution	10%	complies	
Appearance		White crystals	
Physical parameter			
Acidity/Alkalinity		complies	
Loss on drying		4,0 – 7,0	%
Identity			
Assay		99,0 – 101,0	%
Identification	Citrat	positiv	
Identification	Potassium	positive	
Impurities			
Oxalate (as anhydros Oxalic Acid)		≤ 0,03	%
Sulphates (SO ₄)		≤ 0,015	%
Elemental Impurities			
Chlorides (Cl)		≤ 0,005	%
Microbiological data			
Total Plate Count		TAMC ≤ 2000	CFU/g
Yeast and Mould		(TYMC): ≤ 200	CFU/g

Supplemental information:

Shelf life: 3 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Jul. 2022

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