



Specification

Concerning Product:	
Article number	6132043NL
Trade name / designation / denomination	Trinatriumcitrat 2-Hydrat, LM
CAS number	6132-04-3
Other names / synonyms	•1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt, hydrate (1:3:2); •Sodium Citrat crystalline; •Sodium Citrat powder; •trisodium 2-hydroxypropane-1,2,3-tricarboxylate dihydrate; •trisodium citrate dihydrate;
EC number	612-118-5 200-675-3
Customs tariff number / CN code / TARIC	29181500
Molecular weight [g / mol]	294.09957
Formula	C ₆ H ₉ Na ₃ O ₉

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear and colourless	
Appearance	white, granular crystals or white, crystalline powder, slightly deliquescent in moist air, freely soluble in water and practically insoluble in ethanol (96%).	
Odour	odourless	
Physical parameter		
Acidity/Alkalinity	Complies	
Loss on drying	11,0 – 13,0	%
pH value	(5% in H ₂ O): 7,5 – 9,0	
Identity		
Assay	99,0 – 100,5	%
Identification	complies	
Impurities		
Heavy Metals (as Pb)	≤ 5	mg/kg
Oxalate (as anhydros Oxalic Acid)	≤ 100	mg/kg
Readily carbonizable substances	complies	
Sulphates (SO ₄)	≤ 100	mg/kg
Impurity	Tartrate: complies	
Elemental Impurities		
Arsenic (As)	≤ 1	mg/kg
Chlorides (Cl)	≤ 50	mg/kg
Mercury (Hg)	≤ 1	mg/kg
Lead (Pb)	≤ 1	mg/kg

Nutritional data		
Salt (acc. to 1169/2011/EC)	57,5	g/100g
Sodium (Nutrient)	23,0	g/100g
Organic acids	64,0	g/100g
Microbiological data		
Aerobic microorganisms	≤ 1000	CFU/g
Escherichia Coli.	not detectable in 5 g	
Salmonella	not detectable in 25 g	
Yeast and Mould	≤ 200	CFU/g

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Irradiated Status: Non-irradiated

Nanoparticles: The product does not contain any raw materials, ingredients or additives in nanoparticle size as per definition of Regulation (EU) No **1169/2011** respectively Regulation (EU) No **2015/228**.

Supplemental information:

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C. Stored in the original unopened packaging under appropriate conditions the product is stable for at least 36 months from the date of production. The best before date is printed on the certificate of analysis.

Packing: The primary packaging of the above mentioned product is suitable for food

Usage: The product is suitable for a vegetarian nutrition.

The product is suitable for a vegan nutrition.

The product is suitable for lactose intolerance diet.

The product is suitable for people with coeliac disease and sprue.

The product is in compliance with Jewish dietary laws.

The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Aug. 2022

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