



Technical Data Sheet

Natriumcitrat P. (14300) Sodium citrate P. (14300)

PRODUCT INFORMATION

Name	tri-Sodium citrate dihydrate Powder, E331 USP, E 331(iii), EP
Formula	C ₆ H ₅ Na ₃ O ₇

ITEM	SPECIFICATION
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Appearance*	white crystalline powder or colourless crystals
Solubility	freely soluble in water, practically insoluble in ethanol (96 %)
Identification (citrate)	complies
Identification (Na)	complies
Assay (as dried basis)	99.0 - 100.5%
Appearance of solution	complies
Acidity / alkalinity	complies
Tartrate	complies
Readily carbonisable substances	not deeper than standard Y2
SO ₄	Max. 150 ppm
Cl	Max. 50 ppm
Oxalates (as oxalic acid, after drying)	Max. 100 ppm
Pb	Max 1ppm
As	Max. 1.0 ppm
Hg	Max 0,1ppm
Cd	Max 0,1ppm
Heavy Metals	Max 5ppm
Water	11.0 - 13.0%
Loss on drying (180°C, 18h)	10 - 13%
pH value (5% Solution)	7.5 - 9.0
Particle Size	40 -100 Mesh

* may vary

STATEMENTS

Food Quality and Safety	For food supplements
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <1,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative/25g, E. Coli: negative, S. Aureus: negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
Unintentional contact (traces) in the supply chain cannot be excluded.	
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	N/A
Document status template	24.06.2024
Issue date	29.10.2024

All above information according to the manufacturer / supplier

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