

SPECIFICA TECNICA

Prodotto **POTASSIO CITRATO E 332 USP**

NOME INCI	Potassium Citrate
NOME INCI USA	Potassium Citrate
CAS	6100-05-6
EINECS / ELINCS	212-755-5
FORMULA	C6 H5 K3 O7 x H2O
PESO MOLECOLARE	324.41

SPECIFICA	METODO	Lim. Inf. - Lim. Sup.	u.m.
Alcalinità		Conforme al test	
Arsenico		<=0,5	ppm
Titolo		99,0 - 100,5	%
* Cadmio		<=0,5	ppm
* Cloruri		<=50,0	ppm
* Chiarezza Soluzione S		Conforme al test	
* Colore		Conforme al test	
Metalli pesanti		<=5	ppm
* Ferro		<=5,0	ppm
Identificazione		Conforme al test	
Perdita all'essiccamento		<=6,0	%
Piombo		<=0,5	ppm
Mercurio		<=0,1	ppm
Sodio		<=3.000,00	ppm
Ossalati		<=100,0	ppm
* Sostanze carbonizzabili		Conforme al test	
* Solfati		<=150	ppm
Tartrati		Conforme al test	
pH (sol 5 %)		7,50 - 9,00	
* Aspetto		Conforme alla specifica	
* Sostanze insolubili		Passa il test	
* Sodio		<=3.000	ppm
Granulometria			
* - 600 micron		<=5,0	%
* - 150 micron		85,0 - 100,0	%
* - Residuo		<=10,0	%
Revisione Capitolato		2	

I metodi di analisi non indicati sono metodi interni del produttore ottenibili su specifica richiesta

Le informazioni sopra riportate non Vi sollevano dall'obbligo di identificare il prodotto prima dell'impiego. DERMOLIFE non si assume alcuna responsabilità per danni a persone o cose derivanti dall'impiego dei prodotti da noi commercializzati

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C.F. MRGMFR66A69L378D

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Solubility:

In water 154 g /100ml at 25 °C
In Ethanol Insoluble

Standard Specifications:

Tri Potassium Citrate Monohydrate meets the standards of the Food Chemical Codex, the United States Pharmacopoeia, the National Formulary (N.F), the British Pharmacopoeia, and the European Pharmacopoeia. The product complies with the European directive EC 231/2012 in the latest version.

Organic Volatile Impurities:

Tri Potassium Citrate Monohydrate contains no tridodecylamin nor any polynuclear hydrocarbons or volatile organic impurities. These compounds are not used in the manufacturing process of the above product and if tested they will comply with the required specified limits of U.S.P, N.F and E.P.

Impurities	Limit
Benzene	2 ppm
Carbon tetrachloride	4 ppm
1,2 - Dichloroethane	5 ppm
1,1 - Dichloroethene	8 ppm
Chloroform	60 ppm
1,4 - Dioxane	380 ppm
Ethylen Oxide	10 ppm
Methylen Chloride	600 ppm
Tri Chloroethylene	80 ppm

Nutritional Values

Nutrient	Nutrient Quantity
Protein (dairy derived)	None
Carbohydrates	None
Fat	None
Potassium	35.2% - 36.5%
Vitamin A	None
Vitamin C	None
Thiamin	None
Riboflavin	None
Niacin	None
Calcium	30 mg/kg
Iron	< 5 mg/kg
Vitamin D	None
Vitamin B-6	None
Vitamin B-12	None
Phosphorus	None
Magnesium	1 mg/kg
Zinc	None
Pantotenic Acid	None
Sodium	3.000 mg/kg
Artificial colors	product does not contain artificial color
Caloric value	146.2 Kcal/100 gr

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Allergens:

The product doesn't contain any food allergens according to annex 3a of EU directive 2003/89

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.

Hormones and Antibiotics:

No antibiotics or hormones are present in the product.

Mycotoxines:

Total Aflatoxines	< 4 ppb
Aflatoxin B1	< 2 ppb
Aflatoxin M1	< 0.05 ppb

Insecticides:

Complies with food health regulations.

OGM:

The product is a non GMO product and is free from any recombinant DNA technology involvement.

Irradiation/Radioactivity:

Tri Potassium Citrate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

Microbiological Specification:

Total viable count	500 CFU/g max.
Yeasts & Molds	20 CFU/g max.
E. Coli	Absent in 10 g
Staphylococcus Aureus	Absent in 10 g
Pseudomonas Aeruginosa	Absent in 10 g
Salmonella	Absent in 25 g
Coliforms	10 CFU/g max.
Listeria Monocytogenes	Absent in 25 g

Residual Solvent:

The product is comply with the European guideline CPMP/ICH/283/95 regarding the presence of residual solvent.

Storage Recommendations:

Store in a cool, dry place.

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Allergens	Presence	Absence	Cross
Azo Colours	NO	YES	NO
Beef	NO	YES	NO
Benzoic acid (from E210 to E219)	NO	YES	NO
BHA-BHT (from E320 to E321)	NO	YES	NO
Celery and products thereof*	NO	YES	NO
Chicken (meat)	NO	YES	NO
Cinnamon	NO	YES	NO
Cocoa	NO	YES	NO
Coriander	NO	YES	NO
Crustaceans and products thereof*	NO	YES	NO
Egg and products thereof*	NO	YES	NO
Fish and products thereof*	NO	YES	NO
Fructose	NO	YES	NO
Gelatin	NO	YES	NO
Glutamate added (from E620 to E625)	NO	YES	NO
Gluten* (< 20 ppm)	NO	YES	NO
Legumes/Pulses	NO	YES	NO
Lupin and products thereof*	NO	YES	NO
Maize	NO	YES	NO
Milk and products thereof*	NO	YES	NO
Milk protein (< 0.1 %)	NO	YES	NO
*Milk sugar (Lactose) (< 0.02 %)	NO	YES	NO
Molluscs and products thereof*	NO	YES	NO
Mustard and products thereof*	NO	YES	NO
Nuts*: Almond, Hazelnut, Walnut, Casnew, Pecan Nut, Brazil Nut, Pistacchio Nut, Macadamia Nut and products thereof	NO	YES	NO
Peanuts and products thereof*	NO	YES	NO
Pork	NO	YES	NO
Rye	NO	YES	NO
Sesame seeds and products thereof*	NO	YES	NO
Sorbic Acid (from E200 to E203)	NO	YES	NO
Soyabeans and products thereof*	NO	YES	NO
Sucrose	NO	YES	NO
Sulphite (from E220 to E228)* at concentration of more than 10 mg/kg or mg/litre expressed as SO ₂	NO	YES	NO
Tartrazine (E102)	NO	YES	NO
Umbelliferae	NO	YES	NO
Vanillin	NO	YES	NO
Wheat	NO	YES	NO
Yeast	NO	YES	NO
* Dir. 2003/89/EC and following amendments			

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