

OMGD s. r. o.
Sucessor of AKTIVA, a.s.
Pod Tovarnou 92
CZ - 331 51 KAZNEJOV
CZECH REPUBLIC

TRI-SODIUM CITRATE DIHYDRATE

Chemical formula C₆H₅Na₃O₇·2H₂O	rel. mol. Weight 294,10	CAS Nr.: 6132-04-3
		EINECS Nr.: 200-675-3

Quality standard : PND 50-590-03 (manufacturing standard)
Below mentioned quality parameters comply with the latest edition of BP/EurPh/USP/E331(iii) standards.

Chemical and physical requirements

Quality parameter	Unit		Guaranteed value
Assay (C ₆ H ₅ Na ₃ O ₇)	%		99,0 - 100,5
Acidity or alkalinity			passes test of BP/EurPh
Appearance of solution			passes test of BP/EurPh
Heavy metals (as Pb ²⁺)	%	max.	0,0005
Lead (Pb ²⁺)	%	max.	0,0001
Chlorides (Cl ⁻)	%	max.	0,005
Sulphates (SO ₄ ²⁻)	%	max.	0,015
Oxalates (C ₂ O ₄ ²⁻)	%	max.	0,01
Readily carbonisable substances			passes test of BP/EurPh
Tartrates			passes test of USP
Loss on drying	%		11,0-13,0
Arsenic (As)	%	max.	0,0001
Mercury (Hg ²⁺)	%	max.	0,0001
pH value (5 % aqueous solution)			7,5 - 9,0

Characteristics : White, granular crystals or a white crystalline powder, slightly deliquescent in moist air, freely soluble in water, practically insoluble in ethanol (96 %).

Packing : 25 kg multiply paper bags with plastic inlay, on one-way pallets 80 x 120 cm/1000 kg, shrinkwrapped.

Storage terms : Store in indoor, dry warehouses free of chemical exhalations, in original intact packing. Recommended storage temperature + 5°C through + 30°C, recommended relative air humidity max. 75 %.

Shelf life : 24 months from the date of manufacture.

Hazard statements, Precautionary statements: none

Transport regulations : Not classified as dangerous substance according to ADR/RID/GGVs/GGVE/IMDG/IATA/ICAO.
