

OMGD, s. r. o.
Provozovna Kaznejov
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CZECH REPUBLIC

TRI-CALCIUM DI-CITRATE TETRAHYDRATE

Chemical formula	Rel.mol.weight	CAS nr.	813-94-5
Ca₃(C₆H₅O₇)₂ · 4 H₂O	570,5	EINECS nr.	212-391-7

Quality standard : P N D 5 0 - 5 7 0 - 0 2

Below mentioned quality parameters comply with the latest edition of USP and European Directives for food additives E333(iii).

Chemical and physical requirements

Quality parameter		Unit		Guaranteed value
Assay	Ca ₃ (C ₆ H ₅ O ₇) ₂	%		97,5 - 100,5
Loss on drying		%		10,0 - 13,3
Acid insoluble substances (HCl)		%	max.	0,2
Arsenic (As)		%	max.	0,0001
Fluorides (F)		%	max.	0,003
Lead (Pb)		%	max.	0,0001
Heavy metals (as Pb)		%	max.	0,0005
Oxalates (as H ₂ C ₂ O ₄)		%	max.	0,01
Mercury (Hg)		%	max.	0,0001
Carbonates		%	max.	Passes test

Characteristics : Fine white crystals or white crystalline powder, sparingly soluble in water and insoluble in ethanol.

Packing : 30 kg multiply polypropylene bags with plastic inlay, on pallets 80 x 120 cm, shrink-wrapped .

Storage terms : Store in indoor, dry and well-ventilated warehouses, free of chemical exhalations, in original, intact packing. Recommended storage temperature +5 through +30 °C , recommended relative air humidity max. 75%. Use within 24 months from the date of manufacture.

R/S phrases : None.

Transport regulations : Not classified as dangerous substance according to ADR/RID, AND/ADNR, IMDG, ICAO/IATA regulations .
