

**OMGD, s. r. o.**  
**Provozovna Kaznejov**  
**Pod Tovarnou 92**  
**331 51 KAZNEJOV**  
**CZECH REPUBLIC**

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## **TRI-CALCIUM DI-CITRATE TETRAHYDRATE**

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Chemical formula	Rel.mol.weight	CAS nr.	<b>813-94-5</b>
<b>Ca<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>)<sub>2</sub> · 4 H<sub>2</sub>O</b>	<b>570,5</b>	EINECS nr.	<b>212-391-7</b>

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**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).

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**Chemical and physical requirements**

<b>Quality parameter</b>		<b>Unit</b>		<b>Guaranteed value</b>
Assay	Ca <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub>	%		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 <sub>2</sub> C <sub>2</sub> O <sub>4</sub> )		%	max.	0,01
Mercury (Hg)		%	max.	0,0001
Carbonates		%	max.	Passes test

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

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

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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.

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Hazard statements, Precautionary statements: none.

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

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