



**MAINCHIN**  
Chemicals for all

# Tri-Calcium Citric Tetrahydrate

## Technical Specification

Item	Unit	USP	FCC	E 333	GB 1903.14-2016
Characters	/	White crystals or crystalline powder			
Identification	/	Pass Test			
Assay	/	97.5~100.5	97.5~100.5	≥97.5	97.5~100.5
Loss on Drying	%	10.0~13.3	10.0~14.0	≤14.0	10.0 ~ 14.0
Fluoride	%	≤0.003	≤0.003	≤0.003	≤0.003
Acid- Insoluble Substance	%	≤0.2	/	/	/
Carbonates	/	/	/	Pass Test	/
Aluminium	ppm	/	/	≤30	/
Oxalates	ppm	/	/	≤100	/
Lead	ppm	≤10	≤2	≤1	≤2.0
Arsenic	ppm	≤3	/	≤1	≤3.0
Mercury	ppm	/	/	≤1	/
Heavy Metal	ppm	≤20	/	/	/

**Product Name** : Tricalcium Citrate Tetrahydrate

**Product Characters** : White crystalline powders

**Executive Standards** : USP/FCC/E333/GB1903.14-2016

### Packaging

plastic woven bag, 25kg net composite paper-plastic bags or 3-ply kraft paper bags with PE liner, 500kg or 1000kg net PP woven jumbo bags

### Storage

Kept in a light-proof, well-closed, dry and cool place, to avoid mixed storage with toxic, odors, and non-ferrous powders

### Usage & Application

**Tricalcium Citrate Tetrahydrate** mainly used in food industry as chelating agent, buffer, tissue coagulant and calcium fortifier

For more information and order, please send us email to [citric.acid@mainchingroup.com](mailto:citric.acid@mainchingroup.com) and visit our websites <https://mainchingroup.com/products/>

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