



# Product Specification

cdhfinechemical.com

## CALCIUM CITRATE TETRAHYDRATE PURE

<b>PRODUCT CODE</b>	<b>027590</b>	
<b>SYNONYMS</b>	(tri-Calcium dicitrate tetrahydrate),(Tri-calcium citrate)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(5785-44-4)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	(C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub> Ca <sub>3</sub> ·4H <sub>2</sub> O	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	570.49	
<b>PROPERTIES</b>	---	

PARAMETER	LIMIT
Description	A white powder or granular form.
Solubility	Freely soluble in 3N HCl & in 2N HNO <sub>3</sub>
Identification (As per FCC)	Passes test
Assay (Ex Ca on dried subs.)	97.5 – 100.5%

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (4 hr. at 150°C)	10.0 – 14.0%
Acid insolubles	0.20%
Fluoride (F)	0.003%
Heavy metals (as Pb)	0.002%
Arsenic (As)	0.0003%
Lead (Pb)	0.001%

**Note(s) :1] Assay (if applicable) method mentioned.  
2] Storage : Store in cool, dry place in well-closed containers.**

<b>DANGER</b>	IMDG Code :-- UN No. :-- IATA :--
<b>Hazard statements: --</b>	
<b>Precautionary statements</b>	
<b>Prevention:--</b>	
<b>Response: --</b>	

<b>Disposal: --</b>
<b>Hazard Pictogram:--</b>