



CALCIUM CITRATE TETRAHYDRATE PURE

PRODUCT CODE	R05809	
SYNONYMS	(tri-Calcium dicitrate tetrahydrate),(Tri-calcium citrate)	
C.I. NO.	--	
CASR NO.	(5785-44-4)	
ATOMIC OR MOLECULAR FORMULA	(C ₆ H ₅ O ₇) ₂ Ca ₃ ·4H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	570.49	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	A white powder or granular form.	
Solubility	Freely soluble in 3N HCl & in 2N HNO ₃	
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.		
DANGER		IMDG Code :--
Hazard statements: --		UN No. :--
Precautionary statements		IATA :--
Prevention:--		
Response: --		
Disposal: --		
Hazard Pictogram:--		

Replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

