



di-CALCIUM PHOSPHATE DIHYDRATE

PRODUCT CODE	R08096	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7789-77-7)	
ATOMIC OR MOLECULAR FORMULA	CaHPO ₄ ·2H ₂ O	$\text{Ca}^{2+} \begin{array}{c} \text{O} \\ \parallel \\ \text{O}^- - \text{P} - \text{OH} \\ \\ \text{O}^- \end{array} \cdot 2\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	172.10	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	White powder.	
Solubility	Soluble in dilute HCl.	
Assay (Complexometric)	98 - 102.5%	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying(at 800°C)	24.5 - 26.5%	
Particle size (< 0.063 mm)	99.0%	
Substance insoluble in HCl	0.2%	
Carbonate (as CO ₃)	Passes test.	
Chloride (Cl)	0.02%	
Sulphate (SO ₄)	0.5%	
Arsenic (As)	0.0001%	
Barium (Ba)	Passes test.	
Iron (Fe)	0.04%	
Heavy metals (Pb)	0.003%	
Note(s): Assay (if applicable) method mentioned.		
WARNING		IMDG
Hazard statements: Not hazardous. No hazards.		Code :--
Precautionary statements		UN No. :--
Prevention: -----		IATA :--
Response: -----		
Disposal: -----		
Hazard Pictogram(s) :-----		
GHS05 GHS07		

Replace Date 1 April 2023

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

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

