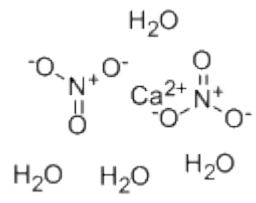


CALCIUM NITRATE TETRAHYDRATE AR/ACS

PRODUCT CODE	480135	
SYNONYMS	--	
C.I. NO.	--	
CAS NO.	13477-34-4	
ATOMIC OR MOLECULAR FORMULA	Ca(NO₃)₂·4H₂O	
ATOMIC OR MOLECULAR WEIGHT	236.15	
PROPERTIES	Soluble in water, alcohol and acetone.	
PARAMETER	LIMIT	
Description	Colourless or white deliquescent crystals or granules or flakes or powder or solid.	
Solubility	Soluble in water.	
Minimum assay (Complexometric)	99.0%	
pH (5% in water at 25°C)	6.00 - 8.00	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.005%	
Acidity (HNO ₃)	0.013%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.005%	
Barium (Ba)	0.01%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.001%	
Magnesium (Mg)	0.05%	
Strontium (Sr)	0.05%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. PRECAUTIONARY STATEMENTS Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position. comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use		IMDG Code : -- UN No. : -- IATA : --
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber		
Hazard Pictogram(s) :		
  GHS05 GHS07		

Replace Date 24-Nov-2025