

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

CALCIUM NITRATE TETRAHYDRATE AR/ACS

PRODUCT CODE	R08095	
SYNONYMS	--	
C.I. NO.	--	
CASR 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 deliquescent crystals.	
Solubility	Soluble in water.	
Minimum assay (Complexometric)	99.0%	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.003%	
Acidity (HNO ₃)	0.01 3%	
Chloride (Cl)	0.002%	
Phosphate (PO ₄)	0.001%	
Sulphate (SO ₄)	0.005%	
Barium (Ba)	0.01%	
Copper (Cu)	0.001%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.001%	
Magnesium (Mg)	0.01 5%	
Strontium (Sr)	0.01%	
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 todo. 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) :		

Replace Date 1 April 2023



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