



CALCIUM CHLORIDE DIHYDRATE AR

MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	R04481	
SYNONYMS	--	
C.I. NO.	--	H ₂ O
CASR NO.	(10035-04-8)	Cl—Ca—Cl
ATOMIC ORMOLECULAR FORMULA	CaCl₂·2H₂O	H ₂ O
ATOMIC ORMOLECULAR WEIGHT	147.02	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	White crystals/crystalline powder.	
Solubility	10% Solution in water is clear and colourless.	
Identification	Passes tests.	
Assay (Complexometric)	99.0 - 103%	
pH (of 5% Solution in water)	4.5 - 8.5	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.01%	
Free acid (as HCl)	0.005%	
Free alkali (as CaO)	0.005%	
Ammonium (NH ₄)	0.005%	
Sulphate (SO ₄)	0.01%	
Aluminium (Al)	0.0001%	
Arsenic (As)	0.0003%	
Barium (Ba)	0.003%	
Iron (Fe)	0.001%	
Heavy Metals (as Pb)	0.0005%	
Magnesium (Mg)	0.005%	
Magnesium & alkali salts	0.5%	
Potassium (K)	0.01%	
Sodium (Na)	0.02%	
Strontium (Sr)	0.05%	
Oxidising sub.(as NO ₃)	0.003%	
Iron, aluminium & phosphate	Passes test.	
Organic volatile impurities	Meets the requirement.	
Note(s): Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements: Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.		UN No. :
Precautionary statements		IATA :
Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.		
Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS		
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :-		

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