



Product Specification

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CALCIUM CHLORIDE DIHYDRATE AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	H08025	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(10035-04-8)	H ₂ O
ATOMIC OR MOLECULAR FORMULA	CaCl₂·2H₂O	Cl—Ca—Cl
ATOMIC OR MOLECULAR WEIGHT	147.02	H ₂ O
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 – 9.2

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 Hazard statements: Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Precautionary statements 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	IMDG Code : UN No. : IATA :
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contact lenses, if present and easy todo. Continue rinsing. Specific treatment: refer to Label or MSDS	
Disposal: Dispose of contents and container in accordance with relevant legislation.	
Hazard Pictogram(s) :-  GHS07	

Replace Date-18-April-2025