



# Product Specification

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

<b>PRODUCT CODE</b>	<b>479775</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(10035-04-8)</b>	H <sub>2</sub> O
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CaCl<sub>2</sub>·2H<sub>2</sub>O</b>	Cl—Ca—Cl
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>147.02</b>	H <sub>2</sub> O
<b>PROPERTIES</b>	---	

<b>PARAMETER</b>	<b>LIMIT</b>
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

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Insoluble matter	0.01%
Free acid (as HCl)	0.005%
Free alkali (as CaO)	0.005%
Ammonium (NH <sub>4</sub> )	0.005%
Sulphate (SO <sub>4</sub> )	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 <sub>3</sub> )	0.003%
Iron, aluminium & phosphate	Passes test.
Organic volatile impurities	Meets the requirement.

**Note(s) : Assay (if applicable) method mentioned.**

<b>WARNING</b> <b>Hazard statements:</b> Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. <b>Response:</b> 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	IMDG Code : UN No. : IATA :
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**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS07

Replace Date 31-oct-2020