



Product Specification

cdhfinechemical.com

CALCIUM CHLORIDE DIHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	920900	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(10035-04-8)	
ATOMIC OR MOLECULAR FORMULA	CaCl ₂ ·2H ₂ O	H ₂ O
ATOMIC OR MOLECULAR WEIGHT	147.02	Cl—Ca—Cl
PROPERTIES	Soluble in water and alcohol, water solution is neutral or slightly alkaline.	H ₂ O

PARAMETER	LIMIT
Description	White crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Complexometric)	99.0%
pH (of 5% soln, in water)	4.5-9.2
Maximum Absorption of 1M soln in H ₂ O:	
at λ 260 nm	0.011
at λ 280 nm	0.010

MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Total nitrogen (N)	0.002%
Sulphate (SO ₄)	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%
Magnesium (Mg)	0.005%
Dnase, Rnases, Proteases, Phosphatases	None detected

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 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-18-April-2025