

PRODUCT SPECIFICATION

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Catalog : C1086

Calcium Chloride, Dihydrate, BiotechGrade

CAS# : 10035-04-8

Formula : CaCl₂[2H₂O

Formula Weight : 147.01

Test	Limit	
	Min.	Max.
APPEARANCE	WHITE CRYSTALS	
ODOR	ODORLESS	
ASSAY (CaCl ₂ .2H ₂ O)	99.0 - 103.0 %	
pH OF A 5% SOLUTION @ 25[dC	4.5 - 9.2(<0.002 meq/g)	
ACIDITY / ALKALINITY	--TO PASS TEST(<0.002 meq/g)	
APPEARANCE OF A 10% SOLUTION	--TO PASS TEST	
SOLUBILITY	--TO PASS TEST	
ARSENIC (As)	--	3 PPM
IRON, ALUMINUM, PHOSPHATE	--TO PASS TEST	
HEAVY METALS	--	0.0005 %
ALUMINUM	--	1 UG/G
BARIUM	--TO PASS TEST	
FLUORIDE	--	0.004 %
IRON (Fe)	--	0.0010 %
LEAD (Pb)	--	0.0010 %
MAGNESIUM AND ALKALI SALTS	--	0.5 %
SULFATE	--	0.01 %
ORGANIC VOLATILE IMPURITIES	-- TO PASS TEST	
ENDOTOXIN BY LAL	-- AS REPORTED	
IDENTIFICATION	-- TO PASS TEST	