



Specification for Calcium Chloride, Dihydrate, Reagent, ACS (C1096)

Item Number	C1096
Item	Calcium Chloride, Dihydrate, Reagent, ACS
CAS Number	10035-04-8
Molecular Formula	CaCl ₂ •2H ₂ O
Molecular Weight	147.01
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY	99.0	105.0 %
pH OF A 5% SOLUTION @ 25°C	4.5	8.5
INSOLUBLE MATTER		0.01 %
OXIDIZING SUBSTANCES (as NO ₃)		0.003 %
SULFATE		0.01 %
HEAVY METALS (by ICP-OES))		5 ppm
AMMONIUM (NH ₄)		0.005 %
BARIUM		0.005 %
IRON (Fe)		0.001 %
MAGNESIUM (Mg)		0.005 %
POTASSIUM (K)		0.01 %
SODIUM (Na)		0.02 %
STRONTIUM (Sr)		0.1 %
RETEST DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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