



SPECIFICATION SHEET

Product Name	:	Calcium chloride dihydrate, ACS, Reag. Ph Eur
Product Number	:	909.026
Brand	:	ISOLAB
CAS Number	:	10035-04-8
Formula	:	CaCl ₂ *2H ₂ O
Formula Weight	:	147.01 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (CaCl ₂ x 2H ₂ O)	99.0 - 103.00 %	%
Identity	passes test	
Appearance	fine.white crys. Powder	
Appearance of Solution	passes test	%
Insoluble Matter	≤ 0.01 %	
Acidity (0.01 M NaOH/g)	≤ 0.2 ml	ml
Alkalinity (0.01 M HCl/g)	≤ 0.2 ml	ml
pH-value (5%)	4.5 - 8.5 %	%
Sulphate (SO ₄)	≤ 0.005 %	%
Heavy Metals as (Pb)	≤ 0.0005 %	%
Al (Aluminium)	≤ 0.00002 %	%
Ba (Barium)	≤ 0.003 %	%
Cd (cadmium)	≤ 0.0001 %	%
Cu (Copper)	≤ 0.0001 %	%
Fe (Iron)	≤ 0.0003 %	%
Pb(Lead)	≤ 0.0002 %	%
K (Potassium)	≤ 0.01 %	%
Mg (Magnesium)	≤ 0.005 %	%
Hg (Mercury)	≤ 0.0001 %	%
Na (Sodium)	≤ 0.01 %	%
As (Arsenic)	≤ 0.0002 %	%
Mg- +Alkali ions (SO ₄)	≤ 0.5 %	%
Substances precipitated by ammonia (Al,Fe,PO ₄)	passes test	
Hypochlorite (ClO)	passes test	

Quality Management
Isolab Laborgerate GmbH

