



SPECIFICATION SHEET

Product Name	:	Calcium chloride dihydrate, Ph. Eur., USP
Product Number	:	909.023
Brand	:	ISOLAB
CAS Number	:	10035-04-8
Formula	:	CaCl ₂ *2H ₂ O
Formula Weight	:	147.01 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	99.0 – 103.00	%
Solubility	passes test	
Appearance	fine,white crys. Powder	
pH test (%5)	4.5 – 8.5	
Acidity or Alkalinity	passes test	
Barium	passes test	
Heavy Metals (as Pb)	≤ 0.001	%
Aluminium, iron and phosphates	passes test	
Al (Aluminium)	≤ 0.0001	%
Fe (Iron)	≤ 0.001	%
K (Potassium)	≤ 0.01	%
Mg (Magnesium)	≤ 0.05	%
Na (Sodium)	≤ 0.02	%
Pb(Lead)	≤ 0.0002	%
As (Arsenic)	≤ 0.0002	%
Hg (Mercury)	≤ 0.0001	%
Total sulfur as SO ₄ (ICP)	≤ 0.02	%
Residual solvents(GLC-HS)	passes test	

Quality Management
Isolab Laborgerate GmbH

