



### SPECIFICATION SHEET

**Product Name** : Calcium chloride dihydrate, Extra pure  
**Product Number** : 909.022  
**Brand** : ISOLAB  
**CAS Number** : 10035-04-8  
**Formula** :  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$   
**Formula Weight** : 147.01 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	97.0 – 103 %	%
Characters	A white, crystalline powder, hygroscopic	
Appearance of solution	Clear	
Solubility	Soluble in water and alcohol	
Identification (Test A)	Gives the reactions of Chlorides	
Identification (Test B)	Gives the reactions of Calcium	
Identification (Test C)	Complies with the limits of the assay	
Acidity or alkalinity	Specified test	
Sulphates	$\leq 0.3 \%$	%
Fe (Iron)	$\leq 0.001 \%$	%
Magnesium and alkali metals	$\leq 0.5 \%$	%
Heavy metals	$\leq 0.002 \%$	%

Quality Management  
Isolab Laborgerate GmbH

