

**SPECIFICATION SHEET**

**Product Name** : Calcium Nitrate Tetrahydrate, For analysis ACS  
**Product Number** : 909.036  
**Brand** : ISOLAB  
**CAS Number** : 13477-34-4  
**Formula** :  $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$   
**Formula Weight** : 236.15 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (complexometric)	99.0 - 103.0 %	%
Insoluble matter	≤ 0.005 %	%
pH-value (5 %, H <sub>2</sub> O)	5.0 - 7.0	
Chloride (Cl)	≤ 0.005 %	%
Nitrite (NO <sub>2</sub> )	≤ 0.001 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.002 %	%
Ammonium (NH <sub>4</sub> )	≤ 0.005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Ba (Barium)	≤ 0.005 %	%
Cu (Copper)	≤ 0.0002 %	%
Fe (Iron)	≤ 0.0005 %	%
K (Potassium)	≤ 0.005 %	%
Mg (Magnesium)	≤ 0.01 %	%
Na (Sodium)	≤ 0.01 %	%
Sr (Strontium)	≤ 0.01 %	%

Quality Management  
 Isolab Laborgerate GmbH

