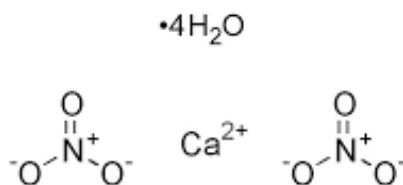


## Product Information

### CALCIUM NITRATE TETRAHYDRATE 99% AR

Calcium dinitrate tetrahydrate



<b>Product Code</b>	O-5059	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99 %	<b>CAS No</b>	13477-34-4
<b>Molecular Formula</b>	CaN <sub>2</sub> O <sub>6</sub> · 4H <sub>2</sub> O	<b>Molecular Weight</b>	236,15 g/mol
<b>H.S.Code</b>	Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	<b>Shelf Life</b>	60 Months

### Physical Properties

<b>Physical state</b>	Crystalline	<b>Melting point</b>	44 °C
<b>Colour</b>	Colourless	<b>Relative density</b>	1,82 g/cm <sup>3</sup>
<b>pH value</b>	5,5 – 7,0	<b>Solubility in water</b>	1.293 g/l at 20 °C

### Packaging

500 gram

### Specification

Appearance	Colorless to white crystals
Assay (as Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O)	99.0 - 103.0 %
pH (5% solution in water, 25°C)	5.0 - 7.0
Insoluble mater in water	max 0.005 %
Nitrite (NO <sub>2</sub> )	max 0.001 %
Chloride (Cl)	max 0.005 %
Sulphate (SO <sub>4</sub> )	max 0.005 %
Barium (Ba)	max 0.01 %
Iron (Fe)	max 0.0005 %
Lead (Pb)	max 0.001 %
Magnesium (Mg)	max 0.05 %
Potassium (K)	max 0.005 %
Sodium (Na)	max 0.02 %
Strontium (Sr)	max 0.05 %

## Safety Information and Hazard Symbols



Symbol: GHS05, GHS07

Signal Word: danger

UN No.: no applicable

IMCO Class No.:not applicable

Packing Group: not applicable

Hazardous Statement: H302-H318

Precaution Statement: P264-P270-P280-P301+P312-P305+P351+P338-P501