

GRM3903 Calcium nitrate tetrahydrate, ACS**Product Number Packing**

GRM3903 : 500G

Product Information

Product Code : GRM3903
Product Name : Calcium nitrate tetrahydrate, ACS
Molecular Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight : 236.15
CAS No. : 13477-34-4
EC No. : 233-332-1
HS Code : 2834 29 80
Shelf Life : 4 years

Technical Specification

Appearance : Colourless or white deliquescent crystals or granules or flakes or powder or solid
Solubility : 100 mg soluble in 1 mL of water
pH (5% in water at 25°C) : 5.00 - 7.00
Barium (Ba) : $\leq 0.005\%$
Chloride (Cl) : $\leq 0.005\%$
Heavy metals (as Pb) : $\leq 0.0005\%$
Iron (Fe) : $\leq 0.0005\%$
Magnesium (Mg) : $\leq 0.05\%$
Nitrite (NO_2) : $\leq 0.001\%$
Potassium (K) : $\leq 0.005\%$
Sodium (Na) : $\leq 0.01\%$
Strontium (Sr) : $\leq 0.05\%$
Sulfate (SO_4) : $\leq 0.002\%$
Water insoluble matter : $\leq 0.005\%$
Assay (EDTA Titration) : 99.00 - 103.00%

GHS Safety Information

Hazard Statement(s) : H272
Precautionary Statement(s) : P220
Signal Word : Warning
Hazard Pictogram(s)

**Risk and Safety Information**

R-Phrase(s) : 8
WGK : 1
RTECS : EW3000000

Storage Temperature(°C) : Store below 30°C
Hazard Symbol(s)



Transport Information

UN No. : 1454
Class : 5.1
Packaging Group : 3
Marine Pollutant : No
ADR/RID : 1454 5.1/PG 3
IMDG : 1454 5.1/PG 3
IATA : 1454 5.1/PG 3