

Calcium nitrate tetrahydrate, Hi-ARTM/ACS

GRM3903


Product Identifier

CAS No.	:	13477-34-4
EC No.	:	233-332-1
Molecular Formula	:	Ca(NO ₃) ₂ ·4H ₂ O
Molecular Weight	:	236.15
HS Code	:	2834 29 90
Storage	:	Below 30°C
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)	:	<= 0.005%
Chloride (Cl)	:	<= 0.005%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Magnesium (Mg)	:	<= 0.05%
Nitrite (NO ₂)	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Sodium (Na)	:	<= 0.01%
Strontium (Sr)	:	<= 0.05%
Sulfate (SO ₄)	:	<= 0.002%
Water insoluble matter	:	<= 0.005%
Assay (EDTA Titration)	:	99.00 - 103.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272
Precautionary Statement(s)	:	P210- P220- P280- P370 + P378- P501
UN No.	:	1454
Class	:	5.1
Packing Group	:	III
RTECS	:	EW3000000
WGK	:	1