

Product Datasheet

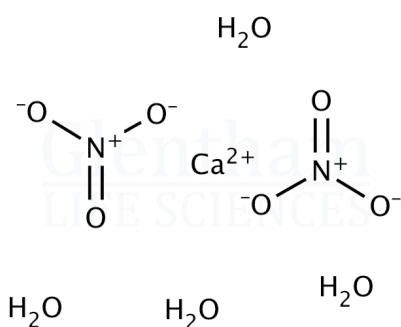
GE9273 - Calcium nitrate tetrahydrate

Product Details

Product Name	Calcium nitrate tetrahydrate
Glentham Code	GE9273
CAS Number	13477-34-4
EINECS	233-332-1
MDL Number	MFCD00149604
Additional CAS	35054-52-5
Additional CAS	10124-37-5
PubChem SID	310269223
Related Categories	Biochemicals, Analytical Reagents, Inorganics, Metal Salts

Structure

Molecular Weight : 236.15
Molecular Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$



Signal Word	Danger
Hazard Codes	H302, H318
Precautionary Codes	P280, P305+P351+P338, P310, P270, P301+P312
Pictograms	

Glentham Product Specification

Physical Description	: White crystalline powder or flakes
Content	: $\geq 99.5\%$ ($\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$)
$\text{Ca}(\text{NO}_3)_2$: 69.0 - 71.0 %
Sodium (Na)	: $\leq 100\text{ppm}$
Iron (Fe)	: $\leq 8\text{ppm}$
Lead (Pb)	: $\leq 10\text{ppm}$
Copper (Cu)	: $\leq 10\text{ppm}$
Manganese (Mn)	: $\leq 2\text{ppm}$
Sulphate (SO_4)	: $\leq 50\text{ppm}$
Chloride (Cl)	: $\leq 50\text{ppm}$
Ammonia (NH_3)	: $\leq 50\text{ppm}$
Water Insoluble Matter	: $\leq 400\text{ppm}$
pH (5% aqueous solution)	: 6.0 - 8.5
Turbidity	: $\leq 5\text{NTU}$ (50% solution)
Colour (APHA)	: ≤ 30 (50% solution)
Version	: v1.0

About Calcium nitrate tetrahydrate

No further details on record.

Storage

Recommended storage temperature: $+20^\circ\text{C}$.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification Acute Tox. 4, Eye Dam. 1

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