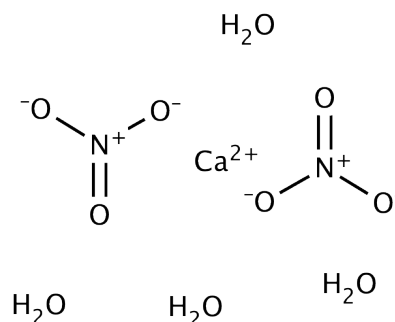


Product Specification

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



Molecular Weight : 236.15
 Molecular Formula : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
 Storage Temp. : +20°C

Property	Specification
Physical Description	White crystalline powder or flakes
Content	≥ 99.5% ($\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$)
Ca(NO ₃) ₂	69.0 - 71.0 %
Sodium (Na)	≤ 100ppm
Iron (Fe)	≤ 8ppm
Lead (Pb)	≤ 10ppm
Copper (Cu)	≤ 10ppm
Manganese (Mn)	≤ 2ppm
Sulphate (SO ₄)	≤ 50ppm
Chloride (Cl)	≤ 50ppm
Ammonia (NH ₃)	≤ 50ppm
Water Insoluble Matter	≤ 400ppm
pH (5% aqueous solution)	6.0 - 8.5
Turbidity	≤ 5NTU (50% solution)
Colour (APHA)	≤ 30 (50% solution)
Specification Version	: v1.0
Date Created	: 2014-09-25

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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