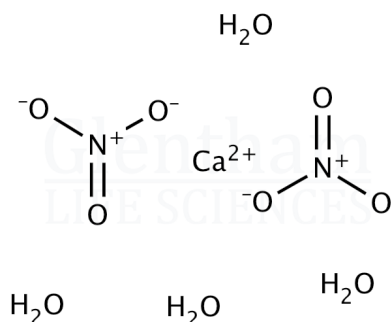


Product Specification

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% ($\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$)
$\text{Ca}(\text{NO}_3)_2$	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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