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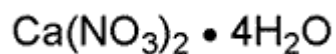
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	01437
Product	Calcium nitrate tetrahydrate Calcium (II) nitrate, hydrous
CAS Number	13477-34-4
Molecular Formula	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight	236.15

Appearance	Colorless solid
Solubility	66 g in 100 mL water at 30 °C
Heavy Metals	≤ 5 ppm (as Pb)
Anion	Chloride (Cl ⁻) : ≤ 0.005% Nitrite (NO ₂ ⁻) : ≤ 0.001% Sulfate (SO ₄ ²⁻) : ≤ 0.002%
Cation	Barium (Ba) : ≤ 0.005% Iron (Fe) : ≤ 5 ppm Magnesium (Mg) : ≤ 0.05% Potassium (K) : ≤ 0.005% Sodium (Na) : ≤ 0.01% Strontium (Sr) : ≤ 0.05%
pH	5 - 7 (5% solution at 25 °C)
Insoluble material	≤ 0.005%
Assay by titration	99 - 103%
Grade	ACS reagent
Storage	Store at RT
Additional Information	Identification : To pass test

For Laboratory Use Only