



Calcium Nitrate
66% Tetrahydrate Solution
Concrete Grade (CG)

PHYSICAL PROPERTIES

Assay as $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Assay as Ca
pH @ 15C
Specific Gravity @ 15C
Freezing Point
Description

SPECIFICATION

66% Minimum
11.2% Minimum
6.5 – 8.0
1.45 Minimum
-20°C/ -4.0°F
Clear, aqueous solution

IMPURITIES*

Insolubles
Iron
Ammonia

TYPICAL ANALYSIS

<0.01%
< 5ppm
NIL

*NOTE: Impurities levels are based on historical data and not routinely reported on Certificates of Analysis.

Uses: For industrial applications, specifically concrete admixture formulations. May be stored in stainless, rubber lined or fiberglass tanks. Advantages of liquid are that it is a ready-to-use solution, less impurities than the solid material, no caking while in storage, less handling and low ammonia content, which means no free ammonia in the atmosphere if the process is alkaline and no ammonia in the waste water. In comparison to calcium chloride in concrete accelerators, Mineral Research's calcium nitrate offers a significant reduction in corrosion to steel reinforcing structures.

Shipping Location: 5910 Pharr Mill Road
Harrisburg, NC 28075
704-455-5181 Phone
704-455-5987 Fax