

TECHNICAL DATA SHEET

Commodity name: Calcium Nitrate Tetrahydrate

CAS Number: 13477-34-4

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

Molecule Weight: 236.15

Physical & Chemical Properties: Calcium Nitrate is colorless transparent monoclinic crystal. It is soluble in water and alcohol. It is easily deliquesce in the air.

Specification:

SPECIFICATION	STANDARD
$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$	99% min.
Nitrate Nitrogen	11.7% min.
Ammonium nitrogen	0
CaO	23% min.
Aqueous solution reaction	Qualified
Water insoluble	0.2% max.
Moisture	0.1% max.
Chloride	0.02% max.
Sulphate	0.15% max.

Application: It can be used in agriculture.

Packing: In 25kgs plastic woven bags with PE liner inside.

Storage and transport: Sealed tightly, no mix with organic matter and sulfur, avoid moisture, rain and insolation.