

Calcium Chloride

General Characteristics:

Formula:	CaCl ₂ (anhydrous); CaCl ₂ ·2H ₂ O(dihydrate)
Molecular weight:	110.98(anhydrous); 147.01(dihydrate)
Appearance:	Calcium chloride occurs as white, hard fragments, granules, or powder.
Odor:	Odorless, slight bitterness.
CAS Number:	anhydrous [10043-52-4]; dihydrate [10035-04-8]
EINECS No.:	233-140-8
INS:	509
Solubility:	In water -Soluble; In alcohol -soluble.

Nutritional Values:

Nutrient		Nutrient Quantity
Protein	-	none
Carbohydrates	-	none
Fat	-	none
Vitamin A	-	none
Vitamin C	-	none
Thiamin	-	none
Riboflavin	-	none
Niacin	-	none
Calcium	-	20.1– 21.8%
Vitamin D	-	none
Vitamin B-6	-	none
Vitamin B-12	-	none
Heavy metals	-	0.002% max
Lead	-	0.0005% max.
Fluoride	-	0.004% max.
Artificial colors	-	product does not contain artificial color

Uses:

- Nutrient supplement、Stabilizer and coagulant.
- Thickener、 Processing agent、 Tissue improver.
- Chelant、 Calcium intensifier、 Refrigerant for freezing.
- Desiccant and anticaking agent 、 Inhibitory microbiological agent .

Packing and storage:

- 25kg net paper bag and PE bags sealed inside.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life--- two years

GMO-Status:

The product is a non GMO product and is free from any recombinant DNA.

Irradiation/Radioactivity:

Yunbo's Calcium chloride was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.

Specifications:(FCC)

Test Parameter	Specifications
Assay 【CaCl ₂ 】 %	93.0~100.5%(anhydrous) 99.0%~107.0%(dihydrate)
Test for calcium	Passes test
Fluoride	≤ 0.004%.
Arsenic	≤3.0ppm
Lead	≤5.0ppm
Heavy metals (Pb)	≤0.002%
Organic volatile impurities	Passes test
Magnesium and Alkali Salts	Anhydrous: ≤5.0%; Dihydrate: ≤4.0%.