



Calcium Stearate

Product Description

General Characteristics:

Formula: $C_{36}H_{70}CaO_4$

Molecular weight: 607.02

Appearance: Calcium stearate occurs as a fine, white to yellow-white, bulky powder.

Odor: Odorless

CAS Number: [1592-23-0]

EINECS No.: 216-472-8

INS: 263

Solubility: Insoluble in water, hygroscopicity in air, non-toxic

Uses:

- Anticaking agent, binder, emulsifier.
- Yeast sugar basic agent; mold discharging agent.
- A lubricant, a stabilizer. Thickener, accelerant.

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:

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

Specifications: (FCC/EP)

Test Parameter	FCC	Ph.Eur
Assay(CaO)	9.0%~10.5%	/
Assay(Ca)	/	6.4%~7.4%
Free Fatty Acids (as stearic acid)	≤3.0%.	≥40.0%
Fatty Acids (sum of stearic acid & palmitic acid)	/	≥90.0%
Lead	≤2.0ppm	≤10.0ppm
Cadmium	/	≤3.0ppm
Nickel:	/	≤3.0ppm
Chlorides	/	≤3.0ppm
Sulfates	/	≤0.3%
Loss on Drying	≤4.0%	≤6.0%
Total Plate Count	/	≤1,000cfu/g
Yeast & Mold	/	≤100cfu/g
E. Coli.	/	Not detected
Salmonella	/	Not detected