



## MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCT BELOW IS COVERED BY A REGISTERED ISO 9001 QUALITY SYSTEM AND A FSSC 22000 FOOD SAFETY SYSTEM

Date: November 27, 2013

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CAS # : 62-54-4

Ref # : S10182-A1

CC: 13-164

## CALCIUM ACETATE USP HEMODIALYSIS AGGLOMERATE

*For non-sterile uses only*

Ca(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub>

Mol. Weight : 158.17

### DESCRIPTION

A fine, white, bulky, odorless powder. It is freely soluble in water and slightly soluble in alcohol.

### SPECIFICATIONS

Identification	:	Positive
pH (1:20 solution)	:	6.3 to 9.6
Assay (dry basis)	:	99.0% to 100.5%
Arsenic (as As)	:	3 ppm Max.
Chloride	:	0.05% Max.
Fluoride	:	50 ppm Max.
Heavy Metals (as Pb)	:	25 ppm Max.
Lead	:	10 ppm Max.
Sulfate	:	0.06% Max.
Water	:	7.0 % Max.
Nitrate	:	To pass test
Readily Oxydizable Substances	:	To pass test
Aluminum	:	2 ppm Max.
Barium	:	To pass test (~50 ppm Max)
Magnesium	:	0.05% Max.
Potassium	:	0.05% Max.
Sodium	:	0.5% Max.
Strontium	:	0.05% Max.
Total Aerobic Microbial Count	:	100 CFU/g Max.
Bacterial Endotoxins	:	4 EU/mg Max.

**OVI & RS:** This material conforms to the USP/NF limits for organic impurities. Based on our knowledge of the manufacturing process and on controlled handling, shipping and storage of the material, we acknowledge that there is no potential for introduction of Residuals Solvents (RS) & Organic Volatile Impurities (OVI) in the material, because, when used, the only solvent in our inorganic synthesis process is potable water.

### TYPICAL BULK DENSITY

Typical bulk density (tapped)	:	0.42 - 0.48 g/cc 26 - 30 lb/cu.ft
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### TYPICAL PARTICLE SIZE

On 2000 µm (US std mesh #10)	:	1% Max.
Thru 45 µm (US std mesh #325)	:	1% Max.

### PACKAGING AND STORAGE

20 kg multiwall (PE and paper) paper bags and 45.4 kg Fiber Drums.

Store in tight containers. Recommended storage conditions : a cool and dry place.

Recommended maximum storage time: 2 years for unopened bags.

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