



MACCO ORGANIQUES INC.

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

Date: January 10, 2023

Supersedes: March 21, 2019

Ref #: S20162-A-G

DC #: 22-266

SPECIFICATIONS CALCIUM PROPIONATE FCC-EEC AGGLOMERATE

GENERAL

Molecular formula: $\text{Ca}(\text{C}_3\text{H}_5\text{O}_2)_2$

Molecular weight: 186.22 g/mol

CAS #: 4075-81-4

EEC #: E-282

Description

White powder, possessing no more than a faint odour of propionic acid. One gram dissolves in about 3 mL of water.

Parameters

Specifications

Identification	Passes test
pH (10 %)	7.5 to 9.0
Assay (anhydrous basis)	99.0 to 100.5 %
Water	4.0 % Max.
Fluoride	20 ppm Max.
Lead	2 mg/kg Max.
Heavy metals (as Pb)	10 ppm Max.
Acid-insoluble substances	0.2 % Max.
Water insolubles	0.3 % Max.
Magnesium (as MgO)	Passes test (about 0.4 % Max.)
Arsenic	3 ppm Max.
Iron	50 ppm Max.
Mercury	1 ppm Max.

Typical tapped density

28 to 33 lbs/cu.ft.
0.45 to 0.53 g/mL

Typical particle size

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

Packaging

20 kg and 22.7 kg multiwall paper bags.
325 kg and 500 kg big bags.

Storage

Store in a cool and dry place, in tight containers,
for up to 3 years.

Conforms to Food Chemicals Codex and EEC specifications.

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