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

Date: December 12, 2023

Supersedes: March 21, 2019

Ref #: S50112-A-G

DC #: 23-284

SPECIFICATIONS SODIUM PROPIONATE FCC AGGLOMERATE

GENERAL

Molecular formula: $C_3H_5NaO_2$

Molecular weight: 96.06 g/mol

CAS #: 137-40-6

EEC #: E-281

Description

White granular powder that is hygroscopic in moist air. One gram is soluble in about 1 mL of water at 25°C, in about 0.65 mL of boiling water and in about 24 mL of alcohol.

Parameters

Specifications

Identification

Passes test

pH (10 %)

8.0 to 10.5

Assay (anhydrous basis)

99.0 to 100.5 %

Water

1.0 % Max.

Alkalinity (as Na_2CO_3)

Passes test (about 0.15 % Max.)

Iron

0.003 % Max.

Lead

2 mg/kg Max.

Typical tapped density

24 to 28 lbs/cu.ft.

0.38 to 0.45 g/mL

Typical particle size

On 850 μ m (US std mesh #20): 1 % Max.

Through 75 μ m (US std mesh #200): 3 % Max.

Packaging

20 kg and 22.7 kg multiwall paper bags.

Storage

Store in a cool and dry place, in tight containers, for up to 2 years.

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