



MACCO ORGANIQUES INC.

100 McArthur, suite 112, Salaberry-de-Valleyfield, Quebec, Canada, J6S 4M5

Tel: (450) 371-1066, Fax: (450) 371-5519

Web page address: www.macco.ca, Email: macco@macco.ca



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

Date: March 21, 2019

Supersedes: December 01, 2017

Ref #: S30153-A-G

DC #: 19-051

SPECIFICATIONS POTASSIUM BENZOATE FCC-NF DENSE

GENERAL

Molecular formula: $C_7H_5KO_2$

CAS #: 582-25-2

Molecular weight: 160.22 g/mol

EEC #: E-212

Description

White, odorless or nearly odorless granules. One gram dissolves in 2 mL of water, in 75 mL of alcohol and in 50 mL of 90% alcohol.

Parameters

Specifications

Identification

Passes test.

Assay (anhydrous basis)

99.0 to 101.0%

Water content

1.5% Max.

Alkalinity (as KOH)

Passes test (0.06% Max.)

Heavy metals (as Pb)

10 µg/g Max.

Lead

2 mg/kg Max.

OVI and RS: This material conforms to the USP<467>, ICH Q3C and EP 5.4 requirements for organic volatile impurities (OVI) and residual solvents (RS). Based on our knowledge of the manufacturing process and on controlled handling and storage of the material, we acknowledge that there is no potential for introduction of residual solvents or organic volatile impurities in the product because the only solvent in our inorganic synthesis process is water.

Typical bulk density (tapped)

55 to 59 lbs/cu.ft.

0.88 to 0.94 g/mL

Typical particle size

On 600 µm (US standard mesh #30): 60% Min.

Through 180 µm (US standard mesh #80): 5% Max.

Packaging

20 kg, 22.7 kg and 25 kg multiwall paper bags.

Big bags up to 1000 kg.

Storage

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

Conforms to current Food Chemicals Codex (FCC) and National Formulary (NF) requirements.

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