



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: January 05, 2022

Supersedes: March 21, 2019

Ref #: S40151-A-G

DC #: 21-312

SPECIFICATIONS SODIUM BENZOATE FCC-NF POWDER

GENERAL

Molecular formula: $C_7H_5NaO_2$

Molecular weight: 144.11 g/mol

CAS #: 532-32-1

EEC #: E-211

Description

White, odorless or nearly odorless powder.

Parameters

Specifications

Identification

Passes test

Assay (anhydrous basis)

99.0 to 101.0%

Water

1.5% Max.

Alkalinity (as NaOH)

Passes test (0.04% Max.)

Heavy metals (as Pb)

10 μ g/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 tapped density

18 to 28 lbs/cu.ft.

0.29 to 0.45 g/mL

Typical particle size

On 850 μ m (US standard mesh #20): 0.1% Max.

Through 45 μ m (US standard mesh #325): 40% Min.

Packaging

20 kg multiwall paper bags.

45.4 kg and 50 kg drums.

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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