



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: December 01, 2017

Supersedes: S30153-A1 dated Feb. 16, 2012

Ref #: S30153-A-G

DC #: 17-273

SPECIFICATIONS POTASSIUM BENZOATE FCC-NF DENSE

GENERAL

Molecular formula: $C_7H_5KO_2$

CAS #: 582-25-2

Molecular weight: 160.22

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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