

Product data

LACTY®-M

Description

LACTY®-M is a bulk sweetener, which can substitute sugar in many applications. It is a polyol, derived from milk sugar (lactose) by hydrogenation of the glucose part of this disaccharide.

LACTY®-M is available in a white crystalline form lactitol (monohydrate).

Specification

LACTY®-M Grade Description white crystalline powder Taste sweet Odour odourless Lactitol min. 96% on d.s. Other polyols max. 4.0% on d.s. Water (Karl Fischer) max. 4.0 - 5.5% Reducing sugars max. 0.2% Spec. rotation $[\alpha]^{25}_{D}$ + 13.0 - + 15.0° pH of 10% solution 4.5 - 7.0Chloride max. 30 ppm Sulphate max. 30 ppm

Ash content max. 0.1% Heavy metals max. 10 ppm Arsenic max. 1 ppm Nickel max. 1 ppm

Packaging

LACTY®-M is packed in a white PE Stratapac bag, with blue transparent innerliner. Net weight 20 kg.

Physical-chemical properties

Molecular formula C₁₂H₂₄O₁₁ . H₂O Molecular weight 362

Chemical name Lactitol monohydrate

Solubility Well soluble in water (150 g in

100 ml water at 25°C)

Storage

The product is stable under normal storage conditions.

Applications

Reduced calorie products Toothfriendly products Diabetic products

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