



诸城东晓生物科技有限公司

ZHUCHENG DONGXIAO BIOTECHNOLOGY CO., LTD.
XINXING TOWN, ZHUCHENG, SHANDONG, CHINA

Specification of Dextrose Monohydrate Food Grade

1. Product Description

Date: Jan.1, 2023

Dextrose monohydrate, also called (Edible Glucose) is a kind of white crystalline sweet powder, which derived from refined corn starch, through enzymatic process.

2. Product Features

60% - 70% sweet taste of of sucrose's, it could be widely used in confections, beverages, biscuits, bakery products for better taste, quality and low cost.

Dextrose monohydrate is indispensable nutrient in destabilization. It have broad use in the food and pharmaceutical industry.

3. Composition

Dextrose & Water

4. Physical and organoleptic properties

Appearance: White and crystalline powder, without the impurity that can be seen by eye

Taste: special sweet, no odor tastes

Odor: With the flavor of Dextrose Monohydrate, no odor or smell

5. Chemical Analysis

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TEST ITEM	TEST STANDARD
Specific Rotation(°)	52.0-53.5
Dextrose Equivalent Dry Matter %	≥99.0
Moisture%(m/m)	≤10
PH	4.0-6.5

6. Contaminants -Microbiological Analysis

TEST ITEM	Standards
As mg/kg	≤1.0
Pb mg/kg	≤0.5
Cu mg/kg	≤5.0
Sulfur Dioxide Residual mg/kg	≤40
Total Plate Account cfu/g	≤3000
Coli forms MPN/100g	≤30
E.Coli cfu/g	Not Detected
Pathogenic Bacterium	Not Detected

7. Packaging

25kg PP or Paper woven bag with PE liner; 500 kg Jumbo bag

8. Storage

Kept in a light-proof, well-closed, dry and cool place.

9. Shelf life

Shelf life: 24 months in original and unopened packaging.

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