

SPECIFICATION OF Maltitol Powder

Commodity Name: Maltitol Powder

CAS No.: 【585-88-6】

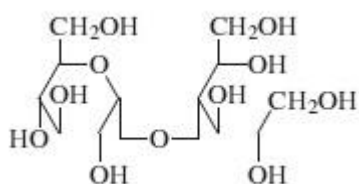
H.S. Code: 29054990

Synonyms:

Molecular Formula: C₁₂H₂₄O₁₁

Molecular Weight: 344.31

Structure:



Description: is a refined disaccharide alcohol, it is made from starch through the process of hydrolysis and hydrogenation. It is a colorless, transparent, viscid thick liquid with neutral reaction; it is easily soluble in water; its sweetness is slightly lower than that of sucrose; the sweetness gives a gentle and pleasant sensation; it has the characters of low-calorie, good heat-resistance, acid-resistance, unfermentable and stable humidity etc.; it will not cause the blood glucose level to rise in human body. It is a new function sweetener widely used in food, medicine and healthy food industries

Specification:

Items	Specification
Appearance	White crystals or crystalline powder
Taste	Sweet, No odor
Assay (On dry basis) %	≥ 99
Loss on drying %	≤ 0.3
Reducing sugars as glucose %	≤ 0.1
Specific optical rotation °	+105.5~+108.5
Melting point °C	148-151
Residue on ignition %	≤ 0.1
PH (10% ds)	5.0~7.0
Sulfate mg/kg	≤ 100
Chloride mg/kg	≤ 50
Heavy metals as Pb mg/kg	≤ 5
Lead mg/kg	≤ 0.5
Nickel mg/kg	≤ 1
Arsenic mg/kg	≤ 1

Aerobic plate count CFU/g	≤100
Moulds CFU/g	≤10
Yeasts CFU/g	≤10
Escherichia coli CFU/g	Absent
Salmonella	Absent


Allergenic: The product contains none of the ingredients of the list of allergenic of the EC.

Packing and Transportation: Adopting the package of 25kg/bag with net Kraft bag and PE inner.

The transportation shall be in accordance with the requirement of general chemicals.

Usage: As a function sweetener and food additives, it is getting more widely used for healthy foods, drink and medicine syrup etc. It has high heat resistance when heating with amino acid and protein together, it will not cause the Maillard reaction; it is also stable to acid. It basically can not be utilized in metabolism of human body, will not cause the blood glucose level to rise, so it is used for the sugar-free foods specially suitable for diabetic patients and for the people to control weight of body.

Storage: Store in a cool, dry, ventilated environment.

EAST CHEM SOURCES LIMITED
伊特实业有限公司

Authorized Signature