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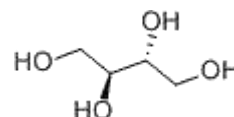
Technical Data Sheet

Basic information

Chemical name	Erythritol
Synonyms	-
CAS.No.	149-32-6
EINECS No.	205-737-3
Molecular weight	122.12

Formula C₄H₁₀O₄

Chemical structure



Physical properties

Appearance	White crystalline powder or granular
Density,g/cm ³	1,451 g/cm ³
Melting point, °C	118-120 ° C(lit.)
Solubility	H ₂ O: 0.1 g/mL, clear to almost clear, colorless

Specification

Item	USP/BP Standard
Appearance	White crystalline powder or granular
PH	5~7
Assay(on dry basis),%	99.5~100.5
Loss on drying,%	≤0.2
Ash,%	≤0.1
Melting range, °C	119~123
Lead(Pb),mg/kg	≤0.5
As, mg/kg	≤0.3
Reducing Sugars,%	≤0.3
Ribitol and glycerol,%	≤0.1
Count of bacteria,cfu/g	≤300
Yeast and Moulds,cfu/g	≤100
Coliform MPN/100g	≤30
Pathogens	Negative

Application

Food additives A low-calorie sweetener; a diluent for a high-sweetener. It can be used in chocolate, baked products, candy, table sugar, soft drinks, etc. with a maximum usage of 3%.

Package

25kg/bag, 20mt per 20'ft with pallet; 23mt per 20'ft without pallet.

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 1st 12, 2017

