



Specialized in chemicals

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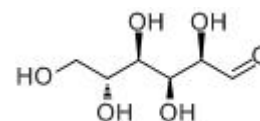
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Technical Data Sheet

Basic information

Chemical name	Dextrose anhydrous	Formula	C ₆ H ₁₂ O ₆
Synonyms	D-Glucose anhydrous;	Chemical structure	
CAS.No.	50-99-7		
EINECS No.	200-075-1		
HS Code	17023051		
Molecular weight	180.16		



Physical properties

Appearance	White, crystalline granules or as a granular powder
Melting point, °C	146
Solubility	freely soluble in water, very soluble in boiling water, and slightly soluble in alcohol.

Specification

Items	BP/USP Standard	Food Grade, FCC 12
Specification optical	52.5-53.3	+52.6 ~ +53.2
Appearance of solution	Clarity	-
Calcium.ppm	≤200	-
PH	4.0-6.5	-
Sulphates Ash.%	≤0.1	-
Sulfites (SO ₂).ppm	≤15	≤20
Water.%	7.0-9.5	≤2.0
Arsenic.ppm	≤1	≤1
Lead.ppm	≤0.5	≤0.1
Residue on ignition,%	-	≤0.1
Starch	-	A yellow color indicates the absence of
Hg.ppm	≤0.05	-
Cd.ppm	≤1.0	-
Sulphates.ppm	≤200	-
Purity of DMH(%)	≥99.5	99.5-100.5
Appearance	White, or almost white, crystalline powder, with sweet	White, crystalline granules or as a granular powder
Chlorides.ppm	≤125	≤180
Solubility	Freely soluble in water,	-
Identification	A B C	A copious red precipitate of cuprous

Total Bacteria Count, pcs/g	≤ 1000	≤ 1000
Coliform.MPN/100g	≤ 130	-
Molds and Yeasts	≤ 100	≤ 100
Escherichia Coli	Negative	< 1/g
Salmonella	-	< 1/25g
Staphylococcus	Negative	-
Application		
Food industry and beverage industry	It is used as a sweetener	
Pharmaceutical industry	It can be formulated into oral liquid or intravenous injection as a nutritional supplement	
Other industry	It is used in the preparation of biological culture media and in the pharmaceutical industry. It is also used as a reducing agent. It is also used as a reducing agent and sugar. It is also used in biological culture.	

Package

- 25kg/ bag, 20mt In 20'ft without pallets;
- 25kg/ bag, 17mt In 20'ft with pallets;



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,11,2020