

Technical Data Sheet

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Item Name:

Dextrose (FOOD GRADE)

PRODUCT INFORMATION

Chinese Name:	一水葡萄糖
Commodity Name:	D-Glucose Monohydrate
Chemical Name:	Dextrose Monohydrate
Other Name:	Glucose
CAS No.:	5996-10-1
Molecular Weight:	198.171
Molecular Formula:	C ₆ H ₁₄ O ₇

PRODUCT DESCRIPTION

Glucose is a kind of simple sugars, it's the most widely distributed and the most important kinds of monosaccharide in nature. Because it is easily soluble in water, so people often use it as a food processing sweeteners or pharmaceutical auxiliaries.

TECHNICAL SPECIFICATION

Index	Superior Grade	Forst Grade
Appearance	White crystal or powder	
Specific optical rotation by wt %	52.0 - 53.5	
Glucose content (on dry base) by wt %	99.5 min	99.0 min
pH Value	4.0 - 6.5	
Chloride by wt %	0.01 max	
Moisture by wt %	10.0 max	
Sulphate ash	0.25 max	

MAIN APPLICATION

In the food industry, beverage industry, as the sweet material, nutrition agent and filler.

In the drug industry can be used as a liquid nutrient solution or intravenous fluids.

In leather industry, shoe leather, luggage leather, used as a reducing agent.

It also can be used as raw material to produce sorbital.

PACKING AND SHELF LIFE

Packing: 25kg/bag

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.