

WEIFANG SHENGTAI MEDICINE CO., LTD.

THE EAST OF CHANGDA ROAD, CHANGLE ECONOMIC DEVELOPMENT ZONE,
SHANDONG, CHINA

Technical Data Sheet

Commodity: DEXTROSE MONOHYDRATE

JAN.,01,2022

Description: Dextrose Monohydrate is a white, crystalline granules or as a granular powder. It is purified and crystallized D-glucose. It is anhydrous or contains one molecule of water of crystallization. It is freely soluble in water, very soluble in boiling water, and slightly soluble in alcohol.

Packing: 25kg kraft paper bags with P.E. inner.

Storage: Store in a tight containers in a dry place.

H.S. Code: 1702.3000

Items	Specification-FCC12
Description	White, crystalline granules or as a granular powder
Identification	A copious red precipitate of cuprous oxide forms
Solubility	Freely soluble in water, very soluble in boiling water, and slightly soluble in alcohol
Assay	99.5%-100.5%
Arsenic	≤1mg/kg
Chlorides	≤0.018%
Lead	≤0.1mg/kg
Sulfur Dioxide	≤0.001%
Loss on Drying	≤9.0%
Optical (Specific) Rotation	+52.6°~+53.2°
Residue on Ignition	≤0.1%
Starch	A yellow color indicates the absence of soluble starch
Heavy Metals	5ppm max
Cadmium	0.05mg/kg max
Mercury	0.01mg/kg max
Granulation(particle size)	100% pass 40mesh
Total Bacteria Count	≤1,000cfu/g
Yeast and Mould	≤100cfu/g
Coliforms	<1/g
E. coli	Negative
Salmonella	Negative

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Authorized Signature