



Product Specifications	Spec No. SP-RD-043
<b>Product Name: Dextrose Anhydrous</b>	
<b>Standard Reference: BP</b>	
Parameter	Specification
Description	White or almost white, crystalline powder
Solubility	Freely soluble in water, very slightly soluble in ethanol (96%)
Appearance of Solution	The solution is clear and not more intensely coloured than reference solution BY7
Identification	A. Specific Optical Rotation +52.5 - +53.3
	B. Meets the requirement
	C. Meets the requirement
	D. Meets the requirement
	E. Water ≤ 1.0%
Content	≥ 99.5%
Conductivity	≤ 20 μS·cm <sup>-1</sup>
Related Substances	Sum of Impurities Maltose and Isomaltose ≤ 0.4%
	Impurity Maltotriose ≤ 0.2%
	Impurity Fructose ≤ 0.15%
	Unspecified Impurities ≤ 0.10%
	Total ≤ 0.5%
Dextrin	The substance dissolves completely
Soluble Starch, Sulfite	≤ 15 ppm
Aerobic Plate Count	≤ 1000 cfu/g
Molds and Yeasts	≤ 100 cfu/g
Escherichia Coli	Negative/g
Bacterial Endotoxin	≤ 1.25 EU/g
Pyrogen Free	Pyrogen Free
Total Solid Content	≥ 98%
Sulphur Dioxide (SO <sub>2</sub> )	< 10 ppm
Lead (Pb)	≤ 0.5 ppm
Arsenic (As)	≤ 1 ppm
Heavy Metal (as Pb)	≤ 1 ppm
pH	4.0 - 6.5
Chloride	≤ 0.01%
Sulphated Ash	≤ 0.25%
Mesh size	20 - 30 mesh passed 100%

**Storage condition:** Product should be stored in the places which are well ventilated, clean, dry and shady and should be away from poisonous, toxic, hazardous, corrosive substances.

**Manufactured by:** Weifang Shengtai Medicine Co., Ltd.

**Country of origin:** China

**Packaging:** 25 kg/Bag; Inner PE bag, Outer Kraft Paper bag.

**Shelf life:** 24 months from production date