



Dextrose Monohydrate Food Grade

ITEMS	SPECIFICATIONS	TEST RESULTS
Appearance	Crystalline, No visible impurity	
Odor	No objectional odor	
Color	White or colorless	
Taste	High sweet taste, no particular smell	
Specific optical rotation	52.0-53.5	52.8
Content (glucose)	≥ 99.0	99.3
pH	4.0-6.5	5.2
Chlorides (%)	≤ 0.01	< 0.01
Moisture (%)	≤ 10.0	8.8
SO ₂ (mg/kg)	≤ 40	11.3
Pb (mg/kg)	≤ 0.5	0.096
AS	≤ 1.0	0.12
Cu (mg/kg)	≤ 5.0	< 5.0
Coliform MPN/100 g	≤ 30	< 30
Total plate count (cfu/g)	≤ 3000	< 100
Pathogens (salmonella)	Negative	