Dextrose (D-Glucose) Anhydrous AR

((Product code-42780)

General:

Description	A white crystalline or granular powder.
CAS No.	50-99-7
Molecular Formula	$(C_6H_{12}O_6$
Formula weight	180.16
Other names	

Specification:

No	Specification	Unit	Limit
1	Physical form	-	A white crystalline or granular powder.
2	Specific rotation $(\alpha)^{20^\circ}_D$	°	+52.5° to 53.0°
3	Water Insoluble matter	%	0.003 Max
4	Alcohol Insoluble matter	%	0.005 Max
5	Loss on drying at 110˚C	%	0.2 Max
6	Reaction	-	Not less than 5.8
7	Sulphated ash	%	0.03 Max
8	Chloride (Cl)	%	0.0025 Max
9	Sulphate (SO_4)	%	0.0025 Max
10	Sulphite (SO_2)	%	0.0005 Max
11	Arsenic (As)	%	0.00002 Max
12	Copper (Cu)	%	0.0001 Max
13	Iron (Fe)	%	0.0001 Max
14	Heavy metals (Pb)	%	0.0001 Max

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