



16191

Dextrose Monohydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5%

Part A

CAS : 14431-43-7

Molecular Formula : C₆H₁₂O₆.H₂O

Molecular Weight : 198.17

Specifications

ExiPlus	Meets compendial specs of USP, BP
Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (HPLC)	min.99.5%
pH (10% aq. solution)	min. 5.0
Specific rotation [?]	+52.5° to +53.0° (C=10,water)
Sulphated Ash	0.1%
Acidity	0.002 meq/g
Chloride (Cl)	0.0025%
Iron (Fe)	0.001%
Heavy Metals (Pb)	0.001%
Sulphate (SO ₄)	0.005%

Other Information

Application	Suitable for industrial applications and microbiology.
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General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
25 Kg	17023031 (GST 18%)
5 Kg	17023031 (GST 18%)
500 Gms	17023031 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

Available Packages

500 Gms

5 Kg

25 Kg

Disclaimer

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