



67091

Lactose Monohydrate ACS, ExiPlus, Multi-Compendial

Part A

CAS : 10039-26-6, 64044-51-5

Molecular Formula : C₁₂H₂₂O₁₁.H₂O

Molecular Weight : 360.31

Specifications

ExiPlus	meets compendial specs of USP, BP & Ph Eur
Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Insoluble matter	max. 0.005%
Specific Rotation [α] _D (Anhydrous basis)	+54.4° to +55.9° (C = 10, water) at 20 °C
Residue on ignition	max. 0.03%
Iron (Fe)	max. 0.0005%
Heavy Metals (Pb)	max. 0.0005%
Arsenic (As)	max. 0.0001%
Dextrose	Passes test
Sucrose	Passes test
Acidity or alkalinity	max. 0.3 ml
Water (KF)	4.0 - 6.0%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H ₂ O	
@210-220nm	max. 0.25
@270-300nm	max. 0.07
IR Identification Test	Passes test

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
5 Kg	17021110 (GST 18%)
500 Gms	17021110 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

Available Packages

500 Gms

5 Kg

Disclaimer

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