

SPECIFICATION

Commodity: Dextrose monohydrate

Test	Specification
USP – Identification	Passes Test
USP – Specific Rotation $[\alpha]^{25}_D$ (calculated on dried basis)(+)	52.6 – 53.2 Degree
USP – Color of Solution	Passes Test
USP – Acidity	Passes Test
USP – Water (H ₂ O)	7.5 – 9.5 %
USP – Residue on Ignition	<= 0.1 %
USP – Chloride (Cl)	<= 0.018 %
USP – Sulfate (SO ₄)	<= 0.025 %
USP – Arsenic (As)	<= 1 ppm
USP – Heavy Metals (as Pb)	<= 5 ppm
USP – Dextrin	Passes Test
USP – Soluble Starch, Sulfites	Passes Test
USP – Endotoxin Concentration (EU/g)	<= 2.5
EP/BP – Identification A	Passes Test
EP/BP – Identification B	Passes Test
EP/BP – Identification C	Passes Test
EP/BP – Appearance of Solution	Passes Test
EP/BP – Acidity or Alkalinity	Passes Test
EP/BP – Specific Rotation $[\alpha]^{20}_D$ (+)	52.5 – 53.3 Degree
EP/BP – Foreign Sugars, Soluble Starch, and Dextrins	Passes Test
EP/BP – Sulfite (SO ₂)	<= 15 ppm

Stamp & Signature:

