



CERTIFICATE OF ANALYSIS

LACTOSE MONOHYDRATED POWDER

Clarity and Color of Solution	Passes Test
Identification A	Passes Test
Identification B	Passes Test
Identification C	Passes Test
Identification D	Passes Test
Specific Rotation $[\alpha]_D^{20}$	54.4 - 55.9 °
Sulfated Ash	max. 0.1 %
Microbial Limits:	
Total Aerobic Microbial Count, cfu/g	max. 100
Total Combined Molds and Yeasts Count (per g)	max. 50
Escherichia coli (absent)	Passes Test
Escherichia Coli and Salmonella	Passes Test
Acidity or Alkalinity	Passes Test
Loss on Drying at 80°C	max. 0.5 %
Water (H ₂ O)	4.5 - 5.5 %
Residue on Ignition	max. 0.1 %
Heavy Metals (as Pb)	max. 5 ppm
Protein and Light-absorbing Impurities	Passes Test
Endotoxin Concentration (EU/g)	max. 10
Appearance of Solution	Passes Test

