

PRODUCT: LACTOSE MONOHYDRATE

ITEMS	SPECIFICATIONS
CHARACTERISTICS	A white or almost white, crystalline powder, freely but slowly soluble in water, practically insoluble in ethanol (96%)
IDENTIFICATION	<ul style="list-style-type: none"> a) The sample IR spectrum corresponds to spectrum of reference standard b) The principle spot in the chromatogram obtained with the test solution is similar in position, colour and size to the principle spot in the chromatogram obtained with reference solution (a) c) Positive
ACIDITY OR ALKALINITY	≤0.4ml
SPECIFIC OPTICAL ROTATION	+54.4° ~ +55.9°
HEAVY METALS	≤5 ppm
WATER	4.5%~5.5%
SULPHATED ASH	≤0.1%
LOSS ON DRYING	≤1.0%
ADDITIONAL TEST <ul style="list-style-type: none"> ➤ Protein and light absorbing impurities ➤ Total combined molds and yeast count 	<ul style="list-style-type: none"> ≤0.25 (210nm ~ 220nm) ≤0.07 (270nm ~ 300nm) ≤50 cfu/g