

PRODUCT SPECIFICATION

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Catalog : LA106

Lactose, Monohydrate, Powder, NF

CAS# : 64044-51-5

Formula : C₁₂H₂₂O₁₁[H₂O]

Formula Weight : 360.31

Test	Limit	
	Min.	Max.
CLARITY AND COLOR OF SOLUTION	-- TO PASS TEST	
SPECIFIC ROTATION [α] _D	+54.4 TO+55.9	
ACIDITY / ALKALINITY	-- TO PASS TEST	
WATER	4.5 - 5.5 %	
LOSS ON DRYING	-- 0.5 %	
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT	-- 100/G	
TOTAL MOLDS AND YEASTS	-- 50/G	
TEST FOR E. COLI	NEGATIVE	
RESIDUE ON IGNITION	-- 0.1 %	
HEAVY METALS	-- 5 PPM	
PROTEIN & LIGHT-ABSORBING IMPURITIES	--TO PASS TEST	
IDENTIFICATION	--TO PASS TEST	
RESIDUAL SOLVENTS	--TO PASS TEST	