REAGENTS
DUKSAN

Certificate of Analysis

Lactose monohydrate

[5989-81-1] (C12H22O11*H2O) FW:360.32

Product code. 1195 **GR Grade**

TESTS	UNIT	SPECIFICATION
Appearance	-	White crystalline powder. Some of the sweetness.
Identification	-	IR Spectrometry.
Solubility in Water	-	To pass test
Solubility in Ethanol	-	Max. 0.2
Specific rotation (α) 20 D	-	+52.2 ~ +52.8
Loss on drying (at 80°C, 3hr)	%	Max. 0.5
Ignition residue (as Sulfate)	%	Max. 0.05
pH (5 wv%, 25°C)	-	4.0 ~ 6.0
Total Nitrogen (as N)	%	Max. 0.005
Heavy Metals (as Pb)	ppm	Max. 5
Iron (Fe)	ppm	Max. 5
Dextrine & starch	-	To pass test

Test Method : JIS K 8728

Exp. Date : 5 years after Mfg. Date

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