

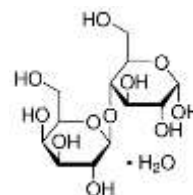


Product Specification

cdhfinechemical.com

LACTOSE

PRODUCT CODE	029002
SYNONYMS	(α -Lactose Monohydrate)
C.I. NO.	--
CASR NO.	(10039-26-6)
ATOMIC OR MOLECULAR FORMULA	$C_{12}H_{22}O_{11} \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	360.31
PROPERTIES	Sweet taste; Odorless; Stable in air.



PARAMETER	LIMIT
Description	A white to almost white crystalline powder.
Solubility	10% solution in hot water (50°C) is clear.
Minimum assay (by GC)	99.0%
Specific Rotation $[\alpha]_D^{20}$ (C=10%, in water, Calc.on anhydrous subs.)	+54.4° to +55.9°

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Uncombined water	1.0%
Arsenic (As)	0.0001%
Lead (Pb)	0.0002%

Note(s) : 1] Assay (if applicable) method mentioned.

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---.

Disposal: -----

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :

Replace date 01-July-22