

CM 23,521– LACTOSE (MONO)

PRODUCT PROPERTIES

C.A.S Number	10039-26-6
Chemical Formula	$C_{12}H_{22}O_{11} \cdot H_2O$
Formula weight	360.31
Functional Uses	Lactose is used to help form tablets because it has excellent compressibility properties. It is also used to form a diluent powder for dry-powder inhalations. Used as laboratory reagent.
Standard Packaging	500 gm and 25kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Specific Optical Rotation (at 25°C)	+54.4to +55.9°
Arsenic	NMT – 1 ppm
Heavy Metals	NMT – 5 ppm
Sulphated Ash	NMT – 0.1%
Water	4.5 – 5.5%

NOTE:Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

