

## CM 23,528 – MALTOSE (MONO), EXTRA PURE

### PRODUCT PROPERTIES

C.A.S Number	6363-53-7
Chemical Formula	C <sub>12</sub> H <sub>24</sub> O <sub>12</sub>
Formula weight	360.31
Functional Uses	Maltose monohydrate is used in microbiology to study the specific nutritional properties of various microorganisms.
Standard Packaging	100 gm., 500 gm. & 25 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless to white crystals or crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.5M in water at 25°C)	5.0 – 7.0
Ash	NMT – 0.1%
Chloride (Cl)	NMT – 0.005%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Assay (HPLC)	NLT – 99.0%

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

