

## CM 23,530 – MANGANESE (II) SULPHATE (MONOHYDRATE), AR GRADE

### PRODUCT PROPERTIES

C.A.S Number	10034-96-5
Chemical Formula	MnSO <sub>4</sub> .H <sub>2</sub> O
Formula weight	169.02
Functional Uses	Manganese Sulfate is a source of manganese that functions as a nutrient and dietary supplement. It exists as a powder which is readily soluble in water.
Standard Packaging	500 gm. & 50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to pale pink crystalline powder.
Solubility	Soluble in water clear solution.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Ignition	10.0 – 12.0%
Insoluble Matter	NMT – 0.01%
Chloride (Cl )	NMT – 0.005%
Substances Reducing (By MnO <sub>4</sub> )	Passes test
Iron (Fe)	NMT – 0.002%
Zinc (Zn)	NMT – 0.005%
Calcium (Ca)	NMT – 0.005%
Potassium (K)	NMT – 0.01%
Sodium (Na)	NMT – 0.05%
Magnesium (Mg)	NMT – 0.005%
Assay (%)	NLT – 99.0%

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

