

## Manganous Nitrate, 45 - 50 wt% Solution

55028-320	500 mL	31.59
55028-360	1 L	61.09

## Manganous Nitrate, 50% Solution, Reagent

### Specifications

Assay [Mn(NO <sub>3</sub> ) <sub>2</sub> ]	.50 - 52%
Chloride (Cl)	.001% max.
Sulfate (SO <sub>4</sub> )	.02% max.
Heavy metals (as Pb)	.003% max.
Substances not precipitated by (NH <sub>4</sub> ) <sub>2</sub> S (as SO <sub>4</sub> )	.02% max.
Zinc (Zn)	.02% max.

5614	500 g	28.73
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## Manganous Sulfate, Monohydrate, Powder, Reagent, A.C.S.

MnSO <sub>4</sub> • H <sub>2</sub> O	FW 169.02
CAS 10034-96-5	

55128-140	100 g	21.66		
55128-300	500 g	73.03	6X500 g	350.56

### A.C.S. Specifications

Assay (MnSO <sub>4</sub> • H <sub>2</sub> O)	.98.0 - 101.0%
Loss on ignition	.10.0 - 12.0%
Substances reducing permanganate	.P.T.
Insoluble matter	.0.01% max.
Chloride (Cl)	.0.005% max.
Calcium (Ca)	.0.005% max.
Magnesium (Mg)	.0.005% max.
Nickel (Ni)	.0.02% max.
Potassium (K)	.0.01% max.
Sodium (Na)	.0.05% max.
Zinc (Zn)	.0.005% max.
Heavy metals (as Pb)	.0.002% max.
Iron (Fe)	.0.002% max.

## Manganous Sulfate, Solution

For dissolved oxygen		
55140-360	1 L	33.89

APHA 4500-0	.C.D.E.F.
Assay (MnSO <sub>4</sub> • 4H <sub>2</sub> O)	.470 - 490 g/l

## Mannitol, Powder, Reagent, A.C.S.

HOCH <sub>2</sub> (CHOH) <sub>4</sub> CH <sub>2</sub> OH	FW 182.17
CAS 69-65-8	

55246-300	500 g	82.48	6X500 g	395.87
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### A.C.S. Specifications

Specific rotation [α] <sub>D</sub> <sup>20</sup>	.+23.3° to +24.3°
Reducing sugars	.P.T.
Insoluble matter	.0.01% max.
Loss on drying @ 105° C	.0.05% max.
Residue after ignition	.0.01% max.
Titrate acid	.0.0008 meq/g max.
Heavy metals (as Pb)	.5 ppm max.

## Manganous Sulfate Solution

364g MnSO<sub>4</sub> • H<sub>2</sub>O / Liter

A.P.H.A. Method 4500-O C, D, E, F. (Dissolved Oxygen)

R3190	500 ml	23.11
R3190	1 L	30.74

## Mannitol, Lab-Grade

C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	FW 182.17
CAS 69-65-8	

55258-380	2 kg	176.11
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## D-Mannose, 99%

C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	FW 180.16
CAS 3458-28-4	

55338-080	25 g	63.90
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## Mastic Gum

CAS 61789-92-2

55384-140	100 g	210.62
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Melting point .80 - 83° C