



CERTIFICATE OF ANALYSIS

Code 14786

MANGANESE (II) SULFATE, MONOHYDRATE, ACS Reagent, crystalline, $\text{MnSO}_4 \cdot \text{H}_2\text{O}$

Assay, $\text{MnSO}_4 \cdot \text{H}_2\text{O}$	98.0 - 101.0%
Loss on ignition	10.0 - 12.0%
Substances reducing permanganate	Passes test

MAXIMUM ALLOWABLE

Insoluble matter	0.01%
Chloride (Cl)	0.005%
Calcium (Ca)	0.005%
Magnesium (Mg)	0.005%
Nickel (Ni)	0.02%
Potassium (K)	0.01%
Sodium (Na)	0.05%
Zinc (Zn)	0.005%
Heavy metals (as Pb)	0.002%
Iron (Fe)	0.002%

Conforms to ACS, Reagent Chemicals, Tenth Edition, 2006