

Specification Sheet

Product Name: **Manganese(II) sulfate monohydrate**
Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure, spray-dried
SKU # **M431158**

Parameter	Limit Values
Appearance(M431158)	Pale pink or white crystalline powder or solid
Assay(complexometric,MnSO ₄ H ₂ O)	98-101 (%)
Assay(complexometric,calc.on the ignited basis)	99-101 (%)
Identify(sulfates)(Ph Eur)	Pass
Appearance of solution(Ph Eur)	Pass
Insoluble matter	0-0.01 (%)
Chloride (Cl-)	0-0.001 (%)
Heavy metals(ACS)	0-0.002 (%)
Calcium(Ca)	0-0.005 (%)
Copper(Cu)	0-0.0005 (%)
Iron(Fe)	0-0.001 (%)
Potassium(K)	0-0.005 (%)
Magnesium(Mg)	0-0.005 (%)
Sodium(Na)	0-0.005 (%)
Nickel(Ni)	0-0.0005 (%)
Lead (Pb)	0-0.001 (%)
Zinc(Zn)	0-0.005 (%)
loss on ignition(500°C)	10-12 (%)
Substances reducing potassium permanganate	passes test
X-Ray Diffraction	Conforms to Structure