

## Specification Sheet

Product Name: **Manganese(II) chloride tetrahydrate**  
Specifications & Purity: meets USP testing specifications  
SKU #: **M431933**

Parameter	Limit Values
Appearance(M431933)	Light red to Dark Red and Pink Powder or Crystal
X-Ray Diffraction	Conforms to Structure
Assay(dry basis)	98-101.0 (%)
Loss on drying	36.0-38.5 (%)
pH	3.5-6.0
Insoluble matter	0-0.005 (%)
Sulfate(SO4)	0-0.005 (%)
Substances not ppt. by (NH4)2S(as sulfate)	0-0.2 (%)
Iron(Fe)	0-5 (ppm)
Zinc	Pass