



Item Number M1106
Item Manganese Chloride, Tetrahydrate, USP
CAS Number 13446-34-9
Molecular Formula $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight 197.91

Assay (Dried Basis)..... 98.0-101.0%
pH of a 1 in 20 Solution..... 3.5-6.0
Loss on Drying..... 36.0-38.5%

MAXIMUM LIMITS

Insoluble Matter..... 0.005%
Sulfate..... 0.005%
Substances not Pptd. by Ammonium Sulfide (as Sulfates)..... 0.2%
Heavy Metals..... 5 ppm
Iron..... 5 ppm
Zinc..... To pass test
Residual Solvents..... To pass test

Spectrum Chemicals & Laboratory Products

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