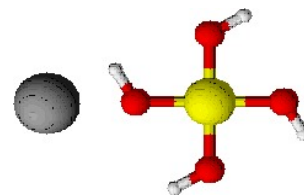


M1423NN Gold Line

monohydrate

Typical analysis

Assay	min 98%
Arsenic (As)	0.0005%
Copper (Cu)	0.003%
Iron (Fe)	0.002%
Lead (Pb)	0.001%
Magnesium (Mg)	0.4%
Manganese (Mn)	min 31.5%
Potassium (K)	0.07%
Sodium (Na)	0.05%
Water-insoluble matter	0.01%



Packaging

500g white plastic jar

Physical properties, composition and data

Chemical formula	MnSO ₄ .H ₂ O or MnO ₄ S.H ₂ O
Synonym	Sulphuric acid manganese salt; manganese II sulphate
Chemical group	Sulphates
Atomic weight	169.02
Appearance	Translucent, pale rose red, slightly efflorescent crystals
Solubility	Soluble in water
Melting point	117°C with decomposition
Boiling point	400 - 450°C
Density (g/ml)	2.1 - 2.95
pH (aqueous solution)	6.5 - 7.5

Laboratory preparation, applications and practices

Laboratory preparation	By the action of sulphuric acid on manganous hydroxide or carbonate
Usage	Analytical reagent

Storage and handling information

Safety phrases	22
Risk phrases	48/20/22

Transport regulations

Tariff code	2833.29.90
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