



Specification for Manganese Sulfate, Monohydrate, Powder, FCC, BP (MA164)

Item Number	MA164
Item	Manganese Sulfate, Monohydrate, Powder, FCC, BP
CAS Number	10034-96-5
Molecular Formula	MnSO ₄ •H ₂ O
Molecular Weight	169.02
MDL Number	
Synonyms	Manganese (II) Sulfate

Test	Specification	
	Min	Max
ASSAY (MnSO ₄ •H ₂ O)	98.0	102.0%
ASSAY (IGNITED)	99.0	101.0%
LOSS ON HEATING	10.0	12.0%
APPEARANCE OF SOLUTION	TO PASS TEST	
ARSENIC (As)		3 mg/kg
LEAD (Pb)		4 mg/kg
SELENIUM (Se)		0.003%
ELEMENTAL IMPURITIES		AS REPORTED
IRON		10 ppm
ZINC (Zn)		50 ppm
CHLORIDE (Cl)		100 ppm
IDENTIFICATION		TO PASS TEST
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		TO PASS TEST

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