

SiHAULi SIHAULI CHEMICALS PVT. LTD.

Office no - 001. Himanshu building, Near Sai Baba Mandir, Navghar road, Vasai East, 401208
Tel No: 09579137783 / 9911843697 / 8451093176 Web: www.sihaulichemicals.com
Email: sales@sihaulichemicals.com, sihaulichemicals@gmail.com

CERTIFICATE OF ANALYSIS

PRODUCT: Manganese Sulphate (MnSO₄) (Technical Grade)

MFG DATE: 03/08/2023

EXP DATE: 03/08/2026

ITEM	SPECIFICATION
PRODUCT NAME	Manganese Sulphate (MnSO ₄) (Technical Grade)
CHARACTERISTICS DESCRIPTION	Technical grade manganese sulfate.
PACKAGING AND STORAGE INFORMATION	
PACKAGING – PRIMARY (INNER PACKAGING)	Plastic liner.
PACKAGING – SHIPPING (OUTER PACKAGING)	HDPE bags.
STORAGE CONDITIONS	Hygroscopic. Keep bags tightly closed. Keep bags in a cool, well-ventilated area. Do not store above 25°C (77°F).
SPECIFIC LABELING REQUIREMENTS	Specimen Of Label – Attached
INTENDED USE	
INTENDED USE / SENSITIVE CUSTOMER	Technical
CUSTOMER / CONSUMER USE AND PREPARATION INSTRUCTIONS	Pigment & Metal Treatment Industry
PHYSICAL & CHEMICAL SPECIFICATION	
TEST	SPECIFICATION
APPEARANCE	White to light pink powder
MELTING POINT	710°C
% ASSAY (W/W) ON DRY BASIS	Min 98.50%
MANGANESE CONTENT	32.00% min.
CHLORIDE	0.04% max.
INSOLUBLE MATTER (W/W)	0.1% max

BULK DENSITY	1.20 – 1.40 gm/cc
DISSOLUTION TEST (10%)	Clear solution
MOISTURE	0.5% max
PH OF (10% SOLUTION)	5.5 to 7.5
ANTIMONY	15 ppm Max.
LEAD (PB)	30 ppm Max
ARSENIC (AS)	2 ppm Max
MERCURY	0.5 ppm Max
CADMIUM (CD)	10 ppm Max
NICKEL (NI)	80 ppm Max
IRON (FE)	50 ppm Max

Remark: The product complies with respect to above mentioned tests as per the in-house specification

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QA/QC Incharge

For SIHAULI CHEMICALS PVT. LTD.