



PRODUCT INFO
& DATASHEET

MANGANESE CARBONATE

43% Mn - Powder

Origin: China

09/2022

1/ GUARANTEED SPECIFICATIONS

<u>Items</u>	<u>Guaranteed</u>	<u>Typical/Actual</u>	<u>Methods</u>
Manganese (Mn)	min. 42.5 %	43.5	Titration (HG/T 4203-2011)
Lead (Pb)	max. 50 mg/kg	< 10	AAS
Arsenic (As)	max. 20 mg/kg	< 5	AFS
Cadmium (Cd)	max. 30 mg/kg	< 20	AAS
Chromium (Cr)	/	< 20	AAS
Mercury (Hg)	/	< 0.1	AFS
Chloride (as Cl)	/	< 0.01	HG/T 4203-2011
Sulphate (as SO ₄)	/	< 0.9	HG/T 4203-2011

REMARKS:

- 1) HG/T 4203-2011: Manganese Carbonate for industrial use (China Chemical Industry Recommendation).
- 2) Mn, Pb, As and Cu are analysed for each batch/lot and shown on each COA. Other items are to be analysed upon request.
- 3) The standards/methods cited are for reference only. In practice, we may choose the standards/methods that are deemed to be more appropriate.

2/ PHYSICAL PROPERTIES

Appearance	white or slightly pink powder
Screen Analysis	>95% -60 mesh (250 µm) sieve

3/ OTHER INFORMATION

Molecular Formula	MnCO ₃
Molecular weight	114.95
CAS no.	598-62-9
EINECS no.	209-942-9

4/ APPLICATIONS

Fertilisers, as a catalyst for desulfuration, as a ceramics pigment, as a varnish dryer and as raw material for the production of other manganese salts, etc.

5/ PACKING

Standard packing	25 kgs net plastic woven bag with inner liner
Optional packing	50 lb, 2000 lb, 1000 kg, 1100 kg, 1250 kg

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SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be