



**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

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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