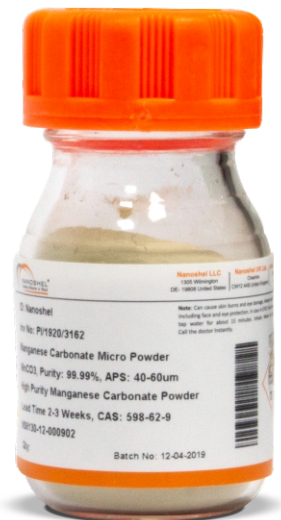


# MANGANESE CARBONATE POWDER

Stock No: NS6130-12-000902



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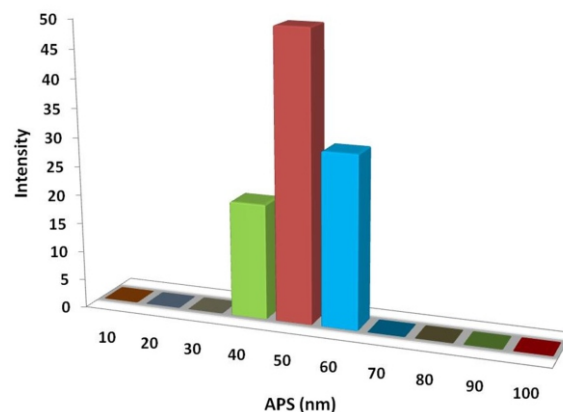
| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)

## Manganese Carbonate Powder

Manganese carbonate is a compound with the chemical formula  $MnCO_3$ .  $MnCO_3$  adopts a structure like calcite, consisting of manganese (II) ions in an octahedral coordination geometry. Treatment of aqueous solutions of manganese (II) nitrate with ammonia and carbon dioxide leads to precipitation of this faintly pink solid. The side product, ammonium nitrate is used as fertilizer. Manganese carbonate is a chemical compound which is highly water-insoluble. Manganese carbonate is extensively used in various industries such as agriculture, and homeware. Manganese carbonate has various applications such as glaze colorants. However, growing use of manganese carbonate as agriculture micronutrient, rising demand for micronutrient fertilizers for crops, and increasing need for manganese carbonate in porcelain and ceramics products are the major factors driving the global manganese carbonate market.

### Quick Facts

Product	: Manganese Carbonate Powder
Color	: White to faint pink Powder
Stock No	: NS6130-12-000902
CAS	: 598-62-9
Purity	: 99.99%
APS	: 40-60 $\mu$ m
Other Metal	: 80ppm



## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
$MnCO_3$	114.95 g/mol	3.12g/cm <sub>3</sub>	200 °C

## Applications

- Agrochemicals
- Glaze colorant
- Chemical intermediates
- Food supplements and medical

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 CERTIFIED COMPANY



**INTELLIGENT MATERIALS PVT LTD**  
 Derabassi  
 Punjab (140507)  
 INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
 Chapel House,  
 Chapel St Cheshire,  
 CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

**NANOSHEL LLC**  
 3422 Old Capitol Suit  
 1305 Wilmington DE - 19808  
 United States

+1 646 470 4911

