



Navadia Finechem

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Chemical Manganese Dioxide

(C.A.S - 1313-13-9)

Physical Characteristics

Manganese Dioxide is Dark Brown To Black in Colour

TYPICAL PROPERTY VALUES

Chemical Characteristics			
Properties	Value	Units	Test Method
Molecular Weight	86.93685	Gram/Mole	-
Tapped Bulk Density	0.8 gram/cm ³		-
Un-Tapped Bulk Density	0.64 gram / cm ³		
pH	7.0 – 7.1		-
Technical Specifications			
Properties	Value	Units	Test Method
Assay	85-95	% Min	Mn Content Calculation
Mn Content	53.75 – 60.03	% Min	By Titration
Iron as Fe	030	ppm Max	By ICP
Calcium as Ca	200	ppm Max	By ICP
Copper as Cu	030	ppm Max	By ICP
Lead as Pb	015	ppm Max	By ICP
Sodium As Na + Potassium as K	150	ppm Max	By ICP
Sulphate as SO ₄	200	ppm Max	By Uv-Vis Spectrophotometer

APPLICATIONS

- In Water Treatment Chemicals
- Oxidation process Organic Reaction;
- Lab Chemical
- Battery Industries
- As catalyst

TOXICITY AND SAFETY

Refer to MSDS

STORAGE AND HANDLING

Refer to MSDS