

TECHNICAL DATA SHEET: MANGANESE OXIDE - FEED GRADE


Applications:

Manganese Oxide of feed grade has tremendous utilization in poultry / cattle / farm feeds and pharmaceuticals.

Product Features:

- True to their compositions
 - Sustains stability
- Free from all extraneous materials, toxins & dioxins
 - Preserves purity

Specifications:

CHEMICAL DETAILS		
ASPECTS	FACTS	
General Product Name	Manganese Oxide	
HS Code	2820.90.00	
CAS Number	1344-43-0	
Form	Solid / Powder	
PHYSICAL DETAILS		
ASPECTS	FACTS	TEST METHODS
Appearance	Greenish Brown, Free Flowing Powder	Visual
Molecular Weight	70.94	
Solubility	Water Insoluble/Acid Soluble	
Particle Size	100/200/300 mesh	
Storage Conditions	Covered and Protected from Water and Dust	
Shelf Life	Shelf Life 3 Years	
ELEMENTS	PARAMETERS	TEST METHODS
Manganese as Mn	60-62%	Potentiometric titration-Volhards
Manganese Oxide	78-80%	Potentiometric titration-Volhards
Iron as Fe	8% Max.	IS - 1473 - 1969
Silica as SiO ₂	8% Max.	IS - 1473 - 1969
Alumina as Al ₂ O ₃	5% Max.	IS - 1473 - 1969
Moisture	0.5% Max.	
TRACE ELEMENTS	PARAMETERS	TEST METHODS
Arsenic (As)	100 ppm Max.	Atomic Absorption Spectrometer
Lead (Pb)	150 ppm Max.	Atomic Absorption Spectrometer
Cadmium (Cd)	10 ppm Max.	Atomic Absorption Spectrometer
Mercury (Hg)	0.1 ppm Max.	Atomic Absorption Spectrometer
Dioxin and Dioxin like PCBs	Nil	
Organic Matter	Nil	

NOTE: We also manufacture as per customer specification.

Disclaimer:

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