


Certificate of Analysis

Manganese Di Oxide Powder [Chemical Grade Specification]

APPLICATION

The product is generally used in manufacturing of various Manganese based chemicals The production process is tailored as per the buyer's requirement.

SPECIFICATION

CHEMICAL INFORMATION		
Molecular Weight: 86.9		
TECHNICAL DATA		
Density : 5.03 g/cm ³ Solubility: Water Insoluble/ Soluble in Acids		
Characteristic	Specification	Test Method
Appearance	Dark Grey to Dark Black	Visual
Total Manganese (Mn)	50-52%	By Potentiometric titration-Volhards
Manganese Oxide (MnO ₂)	70-82% [Can be offered as per buyers requirement]	By Potentiometric titration-Volhards
Iron as Fe	1-3% max.	
Silica as SiO ₂	2-7% max.	
Screen analysis	200-350 mesh	
Shelf Life	3 Yrs	
<p>Handling : Avoid dust formation, which may cause respiratory, skin, eye irritation</p> <p>Storage: Store in dry, well – ventilated area</p> <p>Packing : Packed in HDPE/PP bags (25/50 Kg. bags , 1000/1250 kgs BIG BAGS)</p> <p>Please note that the above specifications are ones that are typically used for the applications stated above. However, if the above specifications do not match the customer's needs, we will gladly tailor make the product for him. Parameters such as Mn, Fe and Si content, We make different grades of MnO₂ ranging from MnO₂ 50% to MnO₂ 90%. Mesh can be altered as per the customer's request.</p> <p style="text-align: center;">Detailed product specifications can be provided based on the grade selected by the customer.</p>		

