

## TDS: MANGANESE ORE

### Applications:

Manganese Ore is essential to iron and steel production, a key component for low, cast stainless steel formulations, alloying agent for aluminium and various other applications.

### Product Features:

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

### Specifications:

CHEMICAL DETAILS	
ASPECTS	FACTS
General Product Name	Manganese Ore
Synonyms/Other Names	Manganese Ore Concentrate
HS Code	2602.10.00
CAS Number	7439-96-5
Form	Solid / Lumps / Fines

  

PHYSICAL DETAILS		
ASPECTS	FACTS	TEST METHODS
Appearance	Black / Brown	Visual
Density	1.80–1.90 g/cm <sup>3</sup>	
Solubility	Water Insoluble/Acid Soluble	

GRADE	ELEMENTS				TEST METHODS
	Manganese as Mn	Silica as Si	Phosphorous as P (Max)	Iron as Fe	Potentiometric titration-Volhards
28–30%	28–30	30–32	0.30	6–8	
32–34%	32–34	24–26	0.30	6–8	
36–38%	36–38	18–22	0.30	6–8	
40–42%	40–42	16–20	0.30	6–8	
44–46%	44–46	12–16	0.30	6–8	
48–50%	48–50	8–10	0.20	6–8	
50–52%	50–52	6–8	0.20	6–8	

ELEMENTS	PARAMETERS							TEST METHODS
Manganese as Mn	28–30	32–34	36–38	40–42	44–46	48–50	50–52	Potentiometric titration-Volhards
Silica as Si	30–32	24–26	18–22	16–20	12–16	8–10	6–8	
Phosphorous as P (Max)	0.30	0.30	0.30	0.30	0.30	0.20	0.20	
Iron as Fe	6–8	6–8	6–8	6–8	6–8	6–8	6–8	

### Disclaimer:

#### KRISHNAPING ALLOYS LIMITED

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