

## MANGANOUS OXIDE 60%

Ref: TS-Manganous Oxide, Version 003, Date: February 2010

### Typical Chemical Analysis

<u>Content</u>			<u>Method</u>	<u>Directive</u>
Total MnO	77.5% – 80%		Calculation	
Total Mn	60	% min	AAS400	
Pb	0.005	% max	AAS400	2005/87/EC
Cu	0.01	% max	AAS400	
Cd	0.0015	% max	AAS400	2005/87/EC
Fe	6.0	% max	AAS400	2005/87/EC
As	0.008	% max	AAS400	2009/124/EC
Zn	0.003	% max	AAS400	
Dioxins	(PCDD/PCDF)		1.0 ng/kg Max	2006/13/EC
	(PCDD/PCDF/PCB)		1.5 ng/kg Max	2006/13/EC

### Physical Analysis

Appearance	Brown black powder
Bulk Density	1400 kg/m <sup>3</sup>
Particle Size	Mesh 60 1.6% max

### Packaging

Coated Woven Polypropylene 25kg / 1 ton bag  
Wooden pallets meet ISPM 15 regulations  
Pallets are stretched wrapped  
Special packaging available on request

### Labeling

Label includes batch number, net weight, manufacturing & expiry dates  
Labels are marked according to EU and UN directives  
Neutral label or customer label are available on request

### General Information

CAS No. 1344-43-0  
Customs tariff 28200000

### Safety and storage conditions

Store under clean, dry conditions  
(According to Numinor's MSDS)



European Feed Additives and PreMixtures Quality System