



## Technical Data Sheet

### Magnetite-71

<b>Chemical Analysis</b>		
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>
Fe <sub>3</sub> O <sub>4</sub> (Magnetite)	wt%	99.410
Fe (Iron)	wt%	72.050
SiO <sub>2</sub> (Silicon Dioxide)	wt%	0.160
Zn (Zinc)	wt%	0.0018
Co (Cobalt)	wt%	0.0003
Ni (Nickel)	wt%	0.001
Mn (Manganese)	wt%	0.0359
Cr (Chromium)	wt%	0.0077
Mg (Magnesium)	wt%	0.0077
Al (Aluminum)	wt%	0.0316
Cu (Copper)	wt%	0
Ti (Titanium)	wt%	0.0099
Ca (Calcium)	wt%	0.023
Na (Sodium)	wt%	0.0037
H <sub>2</sub> O (Water)	wt%	0.030
Cr <sub>2</sub> O <sub>3</sub> (Chromium trioxide)	wt%	0.012
TiO <sub>2</sub> (Titanium Dioxide)	wt%	0.015
V <sub>2</sub> O <sub>5</sub> (Vanadium(V) oxide)	wt%	0.0096
<b>Physical Analysis</b>		
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>
Appearance	-	Black Powder
Specific Gravity	-	5.102
<b>Particle Size Distribution</b>		
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>
D10	µm	1.24
D50	µm	7.47
D90	µm	27.47