

# TECHNICAL DATA SHEET

## SUBSTANCE: - MAGNETITE Fe<sub>3</sub>O<sub>4</sub>



### Supplier Details

<b>Supplier Name</b>	<b>: Phoenix Amalgams Pvt. Ltd</b>
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### PHOENIX MAGNETITE – 98+ GRADE

#### TYPICAL “AS RECEIVED” CHEMICAL PROPERTIES

Element*	Percent
Fe Total:	68-70 %
Fe <sub>3</sub> O <sub>4</sub>	98.5% min
SiO <sub>2</sub>	1.45 %
SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub>	2.25 %
CaO + MgO	1.10 %
Na <sub>2</sub> O + K <sub>2</sub> O	0.116 %
S	0.24 %
P	0.019 %

\*Percent by weight dry basis

#### TYPICAL “AS RECEIVED” PHYSICAL PROPERTIES

APPARENT BULK DENSITY (LBS./FT <sup>3</sup> )	150
SPECIFIC GRAVITY	4.9 – 5.1 %
PERCENT MAGNETICS (DAVIS TUBE ANALYSIS)	98.5 % +/- 1 %
PERCENT PASSING – 325 SIEVE / 45 MICRON	90 % +/- 2 %

**This above PSA is standard but can be customized according to customer’s requirements.**