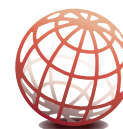


Technical Data

MANGANOUS OXIDE

Feed Grade



ORIGINATION, INC.

O₂D

CAS No. 1317-35-7

Formula MnO

Product Description Feed grade manganous oxide is a high purity, free-flowing and non-caking mineral. Its appearance is a greenish brown powder.

Nutrient Properties	Specification	Typical
Manganous, as (Mn), wt %	60.0 Minimum	61.295.5
Iron, as (Fe), wt %	6.0 Maximum	4.1
Silica, as (SiO ₂), wt %	5.0 Maximum	4.2

Trace Minerals

Arsenic	80 ppm Max	39.6 ppm
Lead	90 ppm Max	46.4 ppm
Cadmium	10 ppm Max	0.92 ppm
Mercury	1 ppm Max	Not detected

Physical Properties

(cumulative % retained)

Retained on a # 100 Screen, %	150 micron	29.2
Retained on a # 200 Screen, %	75 micron	32.5
Retained on a # 325 Screen, %	45 micron	17.4
Passing on a # 325 Screen, %	< 45 micron	20.9

Bulk Density 100 lbs/ ft³

Packaging Options 25 kg bags

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