



## MG-7599 High Purity Micronized Graphite

### General Characteristics

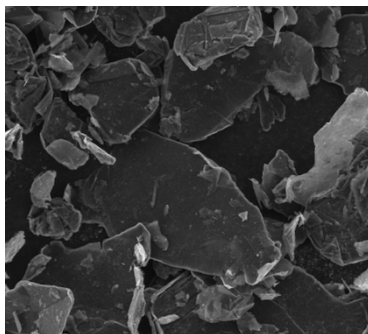
Formula: Carbon  
 Aspect: Fine black powder  
 Purity: 99.5-99.99%C  
 CAS Number: 7782-42-5

### Typical Values

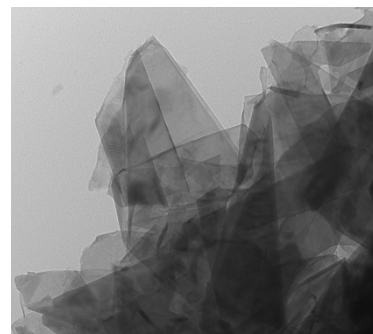
#### Ash Analysis - Key Elements

Element	Concentration
Al	0.10
Ca	<0.50
Co	<0.05
Cr	<0.50
Cu	<0.10
Fe	0.32
Mo	1.20
Ni	<0.05
Pb	<0.10
Sb	<0.10
Si	16.00
V	0.81
S	0.81
Zn	<0.10

**Note:** Concentrations shown in PPM



SEM image at 877x



TEM image at 30000x

#### Guaranteed Ash Values

0.1% Maximum LOI

#### Guaranteed Values

Moisture: 0.5% Max  
 D50 (Laser Diffraction) 71 µm

#### Particle Size Distribution

D90	22.0
D50	71.0
D10	93.0

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