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**AZOMITE** F - Typical Analysis

Mineral Analysis

Alumina, Al <sub>2</sub> O <sub>3</sub>	11.43%
Barium oxide, BaO	0.09%
Calcium oxide, CaO	3.67%
Carbon, C	0.61%
Chlorine, Cl	0.22%
Ferric oxide, Fe <sub>2</sub> O <sub>3</sub>	1.37%
Hydrogen, H	0.38%
Magnesium oxide, MgO	0.78%
Manganese oxide, MnO <sub>2</sub>	0.02%
Nitrogen, N	0.15%
Oxygen, O	0.73%
Phosphorus pentoxide, P <sub>2</sub> O <sub>5</sub>	0.15%
Potassium oxide, K <sub>2</sub> O	5.23%
Silicon dioxide, SiO <sub>2</sub>	65.85%
Sodium oxide, Na <sub>2</sub> O	2.07%
Titanium dioxide, TiO <sub>2</sub>	0.20%
<b>Loss on Incineration</b>	<b>6.43%</b>

Additional Element Analysis

<b>Antimony, Sb</b>	<b>0.4</b>
<b>Arsenic, As</b>	<b>1.1</b>
<b>Beryllium, Be</b>	<b>3.3</b>
<b>Bismuth, Bi</b>	<b>3.5</b>
<b>Boron, B</b>	<b>29</b>
<b>Bromine, Br</b>	<b>6.6</b>
<b>Cadmium, Cd</b>	<b>0.3</b>
<b>Cerium, Ce</b>	<b>230</b>
<b>Cesium, Cs</b>	<b>21.7</b>
<b>Chromium, Cr</b>	<b>6.1</b>
<b>Cobalt, Co</b>	<b>22.3</b>
<b>Copper, Cu</b>	<b>12</b>
<b>Dysprosium, Dy</b>	<b>2.7</b>
<b>Erbium, Er</b>	<b>1.7</b>
<b>Europium, Eu</b>	<b>3.7</b>
<b>Fluorine, F</b>	<b>900</b>
<b>Gadolinium, Gd</b>	<b>3.7</b>
<b>Gallium, Ga</b>	<b>15</b>
<b>Germanium, Ge</b>	<b>6.1</b>

Element Analysis con't.

	<b>ppm</b>
Gold, Au	0.005
Hafnium, Hf	21
Holmium, Ho	0.6
Indium, In	0.01
Iodine, I	2.2
Lanthanum, La	220
Lead, Pb	6.2
Lithium, Li	859
Lutetium, Lu	0.5
Mercury, Hg	0.01
Molybdenum, Mo	12.6
Neodymium, Nd	5.1
Nickel, Ni	2.6
Niobium, Nb	40
Palladium, Pd	0.008
Praseodymium, Pr	27
Rhenium, Re	0.011
Rhodium, Rh	0.002
Rubidium, Rb	325
Ruthenium, Ru	0.013
Samarium, Sm	6.2
Scandium, Sc	2.7
Selenium, Se	0.7
Silver, Ag	0.005
Strontium, Sr	380
Sulfur, S	240
Tantalum, Ta	2.7
Tellurium, Te	0.022
Terbium, Tb	0.8
Thallium, Tl	0.5
Thorium, Th	180
Thulium, Tm	0.6
Tin, Sn	2.9
Tungsten, W	26
Uranium, U	4
Vanadium, V	7.8
Ytterbium, Yb	1.4
Yttrium, Y	23
Zinc, Zn	64.3
Zirconium, Zr	62.7

\*Recent analytical results (Method = Fusion, ICPMS) report a typical value of 0.5 ppm

AZOMITE Mineral Products, Inc. hereby certifies that this analysis is a typical analysis of **AZOMITE** F.

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