



AZOMITE® ORE – CERTIFICATE OF ANALYSIS

Testing Method: Spark Source Mass Spectrometry

This analysis is what scientists refer to as a "Typical Analysis" (similar to an average analysis) and it is not a "Guaranteed Analysis" from a regulatory standpoint. AZOMITE® is a natural, mined product and we expect some variations in the various elemental components. The analysis is offered for those who wish to know generally what elements are commonly found in AZOMITE® with sophisticated scientific analytical methods.

| <u>Mineral Analysis</u> | | <u>Element Analysis con't.</u> | <u>ppm</u> |
|---|-------------------|--------------------------------|------------|
| Alumina, Al ₂ O ₃ | 11.43% | Gold, Au | 0.005 |
| Barium oxide, BaO | 0.09% | Hafnium, Hf | 21 |
| Calcium oxide, CaO | 3.67% | Holmium, Ho | 0.6 |
| Carbon, C | 0.61% | Indium, In | 0.01 |
| Chlorine, Cl | 0.22% | Iodine, I | 2.2 |
| Hydrogen, H | 0.38% | Lead, Pb | 6.2 |
| Magnesium oxide, MgO | 0.78% | Lithium, Li | 859 |
| Manganese oxide, MnO ₂ | 0.02% | Lutetium, Lu | 0.5 |
| Nitrogen, N | 0.15% | Mercury, Hg | 0.01 |
| Oxygen, O | 0.73% | Molybdenum, Mo | .23 |
| Phosphorus pentoxide, P ₂ O ₅ | 0.15% | Neodymium, Nd | 5.1 |
| Potassium oxide, K ₂ O | 5.23% | Nickel, Ni | 2.6 |
| Silicon dioxide, SiO ₂ | 65.85% | Niobium, Nb | 40 |
| Sodium oxide, Na ₂ O | 2.07% | Palladium, Pd | 0.008 |
| Strontium oxide, SrO | 0.03% | Praseodymium, Pr | 27 |
| Sulfur trioxide, SO ₃ | 0.21% | Rhenium, Re | 0.011 |
| Titanium dioxide, TiO ₂ | 0.20% | Rhodium, Rh | 0.002 |
| Loss on Incineration | 6.43% | Rubidium, Rb | 325 |
| | | Ruthenium, Ru | 0.013 |
| | | Samarium, Sm | 6.2 |
| <u>Additional Element Analysis</u> | <u>ppm</u> | Scandium, Sc | 2.7 |
| Antimony, Sb | 0.4 | Selenium, Se | 0.7 |
| Arsenic, As | 1.1 | Silver, Ag | 0.005 |
| Beryllium, Be | 3.3 | Strontium, Sr | 380 |
| Bismuth, Bi | 3.5 | Sulfur, S | 240 |
| Boron, B | 29 | Tantalum, Ta | 2.7 |
| Bromine, Br | 6.6 | Tellurium, Te | 0.022 |
| Cadmium, Cd | 0.3 | Terbium, Tb | 0.8 |
| Cerium, Ce | 230 | Thallium, Tl | 5.9 |
| Cesium, Cs | 21.7 | Thorium, Th | 180 |
| Chromium, Cr | 6.1 | Thulium, Tm | 0.6 |
| Cobalt, Co | 22.3 | Tin, Sn | 2.9 |
| Copper, Cu | 12 | Tungsten, W | 26 |
| Dysprosium, Dy | 2.7 | Uranium, U | 4 |
| Erbium, Er | 1.7 | Vanadium, V | 7.8 |
| Europium, Eu | 3.7 | Ytterbium, Yb | 1.4 |
| Fluorine, F | 390 | Yttrium, Y | 23 |
| Gadolinium, Gd | 3.7 | Zinc, Zn | 64.3 |
| Gallium, Ga | 15 | Zirconium, Zr | 62.7 |
| Germanium, Ge | 6.1 | | |