



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## DIATOMACEOUS EARTH FOOD GRADE

CERTIFICATE OF ANALYSIS

LOT: BN22189/CC

**Manufacturing Date:** July 8, 2022

**QA Signature:** Steven Konert

| Specification | Test Method       | Results     |
|---------------|-------------------|-------------|
| Aluminum      | ICP-OES USP <730> | 4,998 ppm   |
| Antimony      | ICP-OES USP <730> | 0.67 ppm    |
| Arsenic       | ICP-OES USP <730> | 4.653 ppm   |
| Barium        | ICP-OES USP <730> | 97.7 ppm    |
| Beryllium     | ICP-OES USP <730> | < .5 ppm    |
| Bismuth       | ICP-OES USP <730> | 3.17 ppm    |
| Boron         | ICP-OES USP <730> | < .5 ppm    |
| Cadmium       | ICP-OES USP <730> | 0.078 ppm   |
| Calcium       | ICP-OES USP <730> | 3223.0 ppm  |
| Chromium      | ICP-OES USP <730> | 3.790 ppm   |
| Cobalt        | ICP-OES USP <730> | 1.930 ppm   |
| Copper        | ICP-OES USP <730> | 8.440 ppm   |
| Iron          | ICP-OES USP <730> | 5101.0 ppm  |
| Lanthanum     | ICP-OES USP <730> | 2.040 ppm   |
| Lead          | ICP-OES USP <730> | 2.696 ppm   |
| Lithium       | ICP-OES USP <730> | 8.640 ppm   |
| Magnesium     | ICP-OES USP <730> | 1298.0 ppm  |
| Manganese     | ICP-OES USP <730> | 29.600 ppm  |
| Mercury       | ICP-OES USP <730> | <.001 ppm   |
| Molybdenum    | ICP-OES USP <730> | <.5 ppm     |
| Nickel        | ICP-OES USP <730> | 2.970 ppm   |
| Niobium       | ICP-OES USP <730> | <.5 ppm     |
| Phosphorus    | ICP-OES USP <730> | 90.400 ppm  |
| Potassium     | ICP-OES USP <730> | 436.000 ppm |

| Specification | Test Method       | Results     |
|---------------|-------------------|-------------|
| Selenium      | ICP-OES USP <730> | <0.5 ppm    |
| Silicon       | ICP-OES USP <730> | 3405 ppm    |
| Silver        | ICP-OES USP <730> | <0.5 ppm    |
| Sodium        | ICP-OES USP <730> | 422.000 ppm |
| Strontium     | ICP-OES USP <730> | 35.300 ppm  |
| Sulfur        | ICP-OES USP <730> | 31.100 ppm  |
| Tin           | ICP-OES USP <730> | 0.236 ppm   |
| Titanium      | ICP-OES USP <730> | 209.000 ppm |
| Tungsten      | ICP-OES USP <730> | <0.5 ppm    |
| Vanadium      | ICP-OES USP <730> | 26.300 ppm  |
| Yttrium       | ICP-OES USP <730> | 0.674 ppm   |
| Zinc          | ICP-OES USP <730> | 21.700 ppm  |
| Zirconium     | ICP-OES USP <730> | 14.300 ppm  |

| Specification                             | Parameter             | Results  |
|---|-----------------------|----------|
| Bulk Density                              | 650 kg/m <sup>3</sup> | Complies |
| Median Particle Size (microns)            | 10                    | Complies |
| 325 Mesh Screen Residue %                 | 2.00                  | Complies |
| Refractive Index                          | 1.43                  | Complies |
| Oil Absorption, Spatula Rub-Out Method, % | 120.00                | Complies |
| Brightness, Green Filter                  | 85.00                 | Complies |
| Loose Weight, Lbs./cu.ft. (gm/liter)      | 12.0/192              | Complies |
| Specific Gravity                          | 2.20                  | Complies |
| Surface Area, m <sup>2</sup> /gm          | 35.70                 | Complies |
| Median Pore Diameter, microns             | 1.20                  | Complies |
| Moisture                                  | 2% max                | Complies |

Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by Buyer.