

Certificate of Analysis

| Product | Batch No. | CAS | Best Before | General Instructions |
|----------------|-----------|-----------|-------------|---|
| Bentonite Clay | 8772250 | 1302-78-9 | Feb 2020 | Store in a cool and dry area. Keep away from moisture and heat. |

| Properties | Specifications | Results |
|---------------------------|-----------------------------------|---------------------------|
| Scientific Name | Sodium montmorillonite | - |
| Appearance | Grayish tan coloured powder | Complies |
| Odour | Earthy | Complies |
| Solubility | Insoluble in water and org. slvs. | Complies |
| Specific Gravity | 2.65 | Complies |
| Moisture Content | <10% | 7.5% |
| pH | 8.0-10.0 @ 5% solids | 9.0 |
| Free Swell | Min. 20 ml/2gr | Complies |
| Particle Size | Report only | 98% through 100 Mesh |
| Total Aerobic Plate Count | <100,000 cfu/g | <100 cfu/g |
| Yeast and Mold Count | <1,000 cfu/g | <100 cfu/g |
| Coliform Count | <300 cfu/g | <100 cfu/g |
| E.coli | Negative | Negative |
| Salmonella spp. | Negative | Negative |
| Arsenic | Report only | 2.58 ppm |
| Cadmium | Report only | 0.16 ppm |
| Lead | Report only | 33 ppm (not bioavailable) |
| Mercury | Report only | 0.00 ppm |
| Place of Origin | Wyoming/Montana, USA | - |
| Method of Extraction | Food-Grade Mining Equipment | - |
| Production Method | Kiln-dried, Milled, Screened | - |
| Manufacturing Date | February 2017 | - |
| Kosher Certification | Kosher Certification Service | Yes |
| Trace Minerals | Report only | See next page |

| Trace Minerals | PPM | Trace Minerals | PPM | Trace Minerals | PPM |
|----------------|-------|----------------|-------|----------------|--------|
| Aluminum | 61900 | Calcium | 8250 | Iron | 3980 |
| Antimony | 6.1 | Gallium | 3.9 | Scandium | 2.4 |
| Barium | 720 | Germanium | 80 | Silicon | 329000 |
| Beryllium | 9.96 | Iodine | 29 | Silver | 1.9 |
| Boron | 14 | Lanthanum | 38 | Strontium | 41 |
| Bromine | 7 | Lithium | 190 | Sulfur | 2000 |
| Carbon | 21900 | Manganese | 210 | Tellurium | 0.6 |
| Cerium | 48 | Neodymium | 60 | Thallium | 440 |
| Cesium | 0.65 | Nickel | 3.8 | Thorium | 7.9 |
| Chloride | 7100 | Phosphorus | 180 | Tin | 0.7 |
| Chromium | 8 | Magnesium | 7900 | Titanium | 1650 |
| Cobalt | 2.2 | Nickel | 3.8 | Vanadium | 180 |
| Dysprosium | 2.4 | Phosphorus | 180 | Ytterbium | 0.35 |
| Fluoride | 11 | Rhenium | 47 | Yttrium | 14 |
| Potassium | 7200 | Samarium | 1.9 | Zinc | 31 |
| Gadolinium | 4.5 | Sodium | 15100 | | |