

**CERTIFICATE OF ANALYSIS**

|               |           |                  |          |
|---------------|-----------|------------------|----------|
| Product Name: | Bentonite |                  |          |
| INCI Name:    | Bentonite |                  |          |
| CAS Number:   | 1302-78-9 |                  |          |
| Batch Number  | 20241229  | Manufacture Date | 20241229 |
| Report Date   | 20241229  | Expiry Date      | 20261228 |

| Analysis It em        | Specification | Result          |
|-----------------------|---------------|-----------------|
| pH (5% solids)        | 9.5-10.5      | USP<791>        |
| Viscosity (5% solids) | 200-1000 cps  | NF 35 Bentonite |
| L.O.D.                | 5.0-8.0%      | USP<731>        |
| Fineness of Powder    | No Grit       | NF 35 Bentonite |
| Arsenic               | 5 ppm max     | USP<233>        |
| Lead                  | 40 ppm max    | USP<233>        |
| Brightness            | 78 minimum    | TP 6058         |
| Yeast & Mold          | <10 CFU/g     | USP<61/62>      |
| pH (5% solids)        | 9.5-10.5      | USP<791>        |

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

