

Technical Data Sheet

Product Name: Happy Feed

General Description: Our Animal feed grade Bentonite is produced from purest of naturally occurring bentonite which have high level of myco-toxins binding capacity and also protect the stomach and intestinal mucosa of damage due to the pathogenic factors. The product has content of heavy metals and TAMC that are below the EU approved limits

Product Features:

- Heavy metals like As, Cd, Hg, Pb all within the approved limits
- High Swelling natural Bentonite
- Excellent binding property
- Natural content of essential minerals

Technical Specification: -

| | |
|---|---|
| Colour | Cream |
| Free Swelling Volume | 20-25 ml |
| PWA | 400 min |
| Methylene Blue Adsorption Value | 390-400 mg/gm |
| Moisture % (by Wt.) | 10-12 |
| pH | 8-9 |
| Bulk Density | 0.85± gm/cc |
| Microbial contamination(TAMC)* | <10 ³ cfu / g |
| Heavy metals* | Limit test A for heavy metals (<50 ppm) |
| Sedimentation (after slurry formation) | <1ml |

Dry Screen Analysis:

| | |
|---------------------------------|---------|
| #45 micron mesh Passing through | 95% min |
|---------------------------------|---------|

Chemical Composition (Analysis):

| | |
|--|---------|
| Silica as (SiO ₂) | 45- 50% |
| Alumina as (Al ₂ O ₃) | 18- 20% |
| Iron as (Fe ₂ O ₃) | 6- 8% |
| Calcium as (CaO) | 2- 3% |
| Magnesium as (MgO) | 0.5- 1% |
| Sodium as (Na ₂ O) | 0.5- 3% |

** Certificate of Analysis will be shared upon request*

The chemical composition of the Bentonite to be determined on indicative basis since the chemistry varies from one mining site to other. The technical specification as specified above will however have no variation.



[Star Export House accreditation by Govt. of India]

ISO 9001 : 2015 Quality System

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Only in-house production & process:

Bentonite | Drilling Polymer & Cellulose | Drilling Foam | Bentonite Pellets| Super Absorbent Clay