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CERTIFICATE OF ANALYSIS

Name of the Sample : **Bentonite Powder**
Batch No. : **225508**
Date of Mfg : **March 2022**
Date of Exp : **Feb 2027**
Register No. : **2022-23**
Qty of Sample : **500gm**
Date of Analysis : **March 2022**

| S.No | Test Parameters | Observed Values | Standard Values |
|------|---------------------------------|-----------------|----------------------|
| 1. | Description | Passes | Brown colored powder |
| 2. | Solubility | Passes | Passes Test |
| 3. | pH (2% w/v suspension in water) | 10.50 | 9.0 – 10.5 |
| 4. | Arsenic | <0.0008% | Max.0.0008% |
| 5. | Sedimentation value | 2 ml | Max. 2ml |
| 6. | Swelling power | 38 ml | Min.24 ml |
| 7. | Loss on drying at 105°C | 9.50% | 5.0 – 12.0% |

Chief Chemist