

### Certificate of Analysis

**Name of Product:** Brazilian Purple Clay  
**Batch Number:** BBB2417B  
**Manufacture Date:** Sept 24  
**Expiry Date:** August 2026  
**INCI Name:** Kaolin

| Test                                             | Standards/Methods                                       | Results    |
|--------------------------------------------------|---------------------------------------------------------|------------|
| Description                                      | Very fine, homogeneous powder                           | Complies   |
| Colour                                           | Light purple                                            | Complies   |
| Odour                                            | Earthy                                                  | Complies   |
| Solubility                                       | Practically insoluble in water and in aqueous solutions | Complies   |
| SiO <sub>2</sub>                                 | 46 to 50%                                               | 49.5%      |
| Al <sub>2</sub> O <sub>3</sub>                   | 31% to 35%                                              | 32.56%     |
| Fe <sub>2</sub> O <sub>3</sub>                   | 0.25% Max                                               | 0.22%      |
| TiO <sub>2</sub>                                 | 0.20% Max                                               | 0.17%      |
| Moisture                                         | 1% Max                                                  | 0.78%      |
| Water Absorption                                 | 30 to 32%                                               | 31ml/100gm |
| Bulk Density (tapped 20 times)                   | 0.5 to 0.7gm/cc                                         | 0.66gm/cc  |
| pH Value (2% aqueous solution)                   | 6 to 9                                                  | 8.5        |
| Residue on 325 Mesh (wet analysis)               | 2% Max                                                  | 0.79%      |
| Remark – the above material passes Specification |                                                         |            |
| Heavy Metals                                     | ≤15ppm                                                  | Complies   |
| Pb                                               | ≤2ppm                                                   | 0.123ppm   |
| As                                               | ≤2ppm                                                   | 0.4ppm     |
| Cd                                               | ≤1ppm                                                   | 0.022ppm   |
| Hg                                               | ≤0.5ppm                                                 | <0.18ppm   |