

Certificate of Analysis

Name of Product: Brazilian Purple Clay
Batch Number: BBB17
Manufacture Date: February 2024
Expiry Date: January 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 ₂	46 to 50%	49.2%
Al ₂ O ₃	31% to 35%	32.50%
Fe ₂ O ₃	0.25% Max	0.20%
TiO ₂	0.20% Max	0.15%
Moisture	1% Max	0.75%
Water Absorption	30 to 32%	31ml/100gm
Bulk Density (tapped 20 times)	0.5 to 0.7gm/cc	0.67gm/cc
pH Value (2% aqueous solution)	6 to 9	8.4
Residue on 325 Mesh (wet analysis)	2% Max	0.80%
Remark – the above material passes Specification		
Heavy Metals	≤15ppm	Complies
Pb	≤2ppm	0.123ppm
As	≤2ppm	0.4ppm
Cd	≤1ppm	0.0025ppm
Hg	≤0.5ppm	<0.19ppm