

Certificate of Analysis

Name of Product: Serbian Blue Clay
Batch Number: BBB2494
Manufacture Date: February 2024
Expiry Date: January 2026
INCI Name: Kaolin

Test	Standards/Methods	Results
Description	Very fine, homogeneous powder	Complies
Colour	Greyish blue	Complies
Odour	Earthy	Complies
Solubility	Practically insoluble in water and in aqueous solutions	Complies
SiO ₂	46 to 50%	49.54%
Al ₂ O ₃	21% to 25%	22.61%
Fe ₂ O ₃	0.25% Max	0.18%
TiO ₂	0.20% Max	0.12%
CaCo ₃	3% to 8%	7.15%
Loss on Ignition	NMT 15%	11.80%
Moisture	1% Max	0.78%
Water Absorption	30 to 32%	32ml/100gm
Bulk Density (tapped 20 times)	0.5 to 0.7gm/cc	0.65gm/cc
pH Value (2% aqueous solution)	6 to 9	8.2
Residue on 325 Mesh (wet analysis)	2% Max	0.80%
Remark – the above material passes Specification		
Heavy Metals	≤15ppm	Complies
Pb	≤2ppm	0.120ppm
As	≤2ppm	0.38ppm
Cd	≤1ppm	0.02ppm
Hg	≤0.5ppm	<0.18ppm