



Product : Brazilian Yellow Clay
Batch No. : BYC-110
Mfg. Date : March 2024
Exp. Date : February 2029
Date of Sampling : 10-03-2024
Reporting Date : 17-03-2024

CERTIFICATE OF ANALYSIS

S. NO	TEST PERFORMED	LIMIT	RESULTS
1.	DESCRIPTION	Very fine, homogeneous, Light Yellow powder with a earthy odor.	Complies
2.	SOLUBILITY	Practically insoluble in water and in aqueous solutions.	Complies
3.	SiO ₂	46 to 50%	49.45%
4.	Al ₂ O ₃	21% to 25%	22.60%
5.	Fe ₂ O ₃	0.50% Max.	0.14%
6.	TiO ₂	0.20% Max.	0.12%
7.	Loss on ignition	NMT 15%	11.80%
8.	Moisture	1% Max	0.71%
9.	Water absorption	30 to 32%	32 ml/100gm.
10.	Bulk density (Tapped 20 times)	0.5 to 0.7gm/cc	0.59gm/cc
11.	pH Value (2% aqueous solution)	6 to 9	8.1
12.	Residue on 325 mesh (Wet analysis)	2 % Max.	0.82%

REMARK—**The above material passes as Specification.**

*This being a computer-generated document, does not require signature.

**This Certificate of Analysis provides typical values for this product. A COA specific to your order will be included with your material shipment.