

**CERTIFICATE OF ANALYSIS (COA)****Product name** WHITE CLAY, Brazil

Analysis Date	Validity Date
November, 29 <sup>th</sup> 2019	November, 29 <sup>th</sup> 2022

**ORGANOLEPTICAL CHARACTERISTICS**

Analysis	Specification	Results
Color	White	In accordance
Aspect	Fine powder	In accordance
Flavor/Odor	Characteristic	In accordance

\*Natural raw materials of vegetable origin can suffer color and odor changes between different batches of product.

**PHYSICAL & CHEMICAL CHARACTERISTICS**

Analysis	Specification	Results
Granulometric distribution in suspension (average diameter in $\mu\text{m}$ )	Max. 15	13,42
SiO <sub>2</sub> (%)	66 - 69	67,32
Fe <sub>2</sub> O <sub>3</sub> (%)	1,5 - 2,5	2.01
CaO (%)	< 0,06	0,03
P <sub>2</sub> O <sub>5</sub> (%)	< 0,3	0,25
Al <sub>2</sub> O <sub>3</sub> (%)	17 - 20	19,22
Na <sub>2</sub> O (%)	< 0,3	0,13
TiO <sub>2</sub> (%)	< 1,3	1,00
MgO (%)	0,15 - 0,40	0,32
K <sub>2</sub> O (%)	< 0,20	0,15
Pb ( $\mu\text{g/g}$ )	< 20	In accordance
As ( $\mu\text{g/g}$ )	< 10	In accordance
Hg ( $\mu\text{g/g}$ )	< 1	In accordance
Sb ( $\mu\text{g/g}$ )	< 10	In accordance
Cd ( $\mu\text{g/g}$ )	< 5	In accordance

**Storage Conditions** Protect from sunlight and high temperature, 36 months shelf life after manufacture in the original packaging.