

## Technical Data Sheet

<b>Name:</b>	Gray Clay.
<b>INCI Name:</b>	Kaolin.
<b>CAS number:</b>	N/A.
<b>Scientific Name:</b>	<i>Kaolin</i> .
<b>Type of Product:</b>	Powder.
<b>Origin:</b>	Brazil.
<b>Description:</b>	Product obtained by through collection on the rivers and sundried. Without preservatives.
<b>Ingredients:</b>	Gray Clay.
<b>Applications:</b>	Cosmetics, phytotherapy, pharmaceuticalonly, not suited for human consumption.
<b>Packing:</b>	Drums of 180 kg and 50 kg, pails of 20 kg and 5 kg and 1 kg.
<b>Shelf Life and Storage Conditions:</b>	24 months, if maintained in the original closed package at a temperature at least 15°C. Keep product away from light, moisture and heat.
<b>Transportation:</b>	In clean vehicles, protected from dust, moisture and material that can offer contaminations risk.

### ORGANOLEPTICAL CHARACTERISTICS\*

Analysis	Specification
Color	Light Gray to Dark Gray
Appearance	Fine Powder
Odor	Characteristic

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

### PHYSICAL & CHEMICAL CHARACTERISTICS

Analysis	Method	Specification
Granulometric distribution in suspension (average diameter in $\mu\text{m}$ )	Sifting	Max. 15
SiO <sub>2</sub> (%)	XRF	66 - 69
Fe <sub>2</sub> O <sub>2</sub> (%)	XRF	1.5 - 2.5
CaO (%)	XRF	< 0.06
P <sub>2</sub> O <sub>5</sub> (%)	XRF	< 0.3
Al <sub>2</sub> O <sub>3</sub> (%)	XRF	17 - 20
Na <sub>2</sub> O (%)	XRF	< 0.3
TiO <sub>2</sub> (%)	XRF	< 1.3
MgO (%)	XRF	0.15 - 0.40
K <sub>2</sub> O (%)	XRF	< 0.20
Pb ( $\mu\text{g/g}$ )	AAS	< 20
As ( $\mu\text{g/g}$ )	AAS	< 10
Hg ( $\mu\text{g/g}$ )	AAS	< 1
Sb ( $\mu\text{g/g}$ )	AAS	< 10
Cd ( $\mu\text{g/g}$ )	AAS	< 5

\* Reference Values Only

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