

TECHNICAL DATA SHEET

Product: **COLOR CLAY® TILIA** (BSI 3770 - Beige)
 Code: **23-C**
 Version: **04**
 Date of issue: **12/07/2016**

Natural colour clay
 INCI name: ILLITE

Product description:

All COLOR CLAY® products have some common characteristics, like high silicate content, a suitable particle size that gives spreadability with pleasant and easy application on the skin.

Aspect: homogeneous powder
 Colour: beige-grey
 Odour: odourless

Chemical composition:

SiO ₂	64.48% ± 5%
Al ₂ O ₃	18.44% ± 5%
Fe ₂ O ₃	6.37% ± 5%
CaO	1.44% ± 5%
MgO	0.56% ± 5%
Na ₂ O	0.27% ± 5%
K ₂ O	2.93% ± 5%

Particle size:

95% particles < 44 microns

Microbiology:

TAMC (total aerobic microbial count)	<100 ufc/g
TYMC (total yeast and mould count)	<100 ufc/g
Pathogens:	Absence

Physical-chemical characteristics:

pH (Sol. 20% in water)	8.19± 1
Light stability:	
Natural light:	stable
Vitalux light:	stable
Humidity:	<7%

Applications:

- Facial or body muds, in powder form at 100%, for mixtures with liquid (water or solutions with active ingredients) or in combination with other powders in a formulation.
- Facial or body masks, incorporated in emulsions or suspensions.
- Facial or body cleansers as foaming products:
 - Liquid soaps.
 - Peeling liquid soaps.
 - Soap bars for deep cleansing.
- Gel-Mask.
- Creams and serums.
- Hair mask or special shampoos.
- Make up.

Special considerations:

Generally speaking all formulations need a suspending agent to ensure stable and homogeneous products.

Important!

Due to the natural origin of the product, colour may slightly change from batch to batch.

HOJA DE ESPECIFICACIONES / PRODUCT SPECIFICATIONS

Producto / Product: **COLOR CLAY® TILIA**
 Código / Code: **23-C**
 Versión / Version: **03**
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PROPIEDADES / PROPERTIES	RANGO / RANGE	METODO / METHOD
Color / Colour:	Beige-grisáceo Beige-grey	Visual Visual
Humedad / Humidity:	< 7%	Residuo seco Dry matter
Granulometría / Particle size:	95% < 44µm	% a través de un tamiz de 44 micras % through 44 microns sieve
<u>Microbiología / Microbiology:</u>		
TAMC (contaje total de microorganismos aeróbicos) / TAMC (total aerobic microbial count):	<100 ufc/g	Certificado de irradiación Irradiation Certificate
TYMC (contaje total de hongos y levaduras) / TAMC (total yeast and mould count):	<100 ufc/g	
Patógenos / Pathogens:	Ausencia Absence	

COLOR CLAY® es un producto natural. La intensidad y tonalidad del color pueden cambiar ligeramente de un lote a otro.

COLOR CLAY® is a natural product. The intensity and shade of the colour may slightly change from one lot to the other.

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