

## Color Clay® CYDONIA

### Technical Data Sheet:

Version: 05  
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Natural colour clay  
INCI name: ILLITE

### Product description:

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

Aspect: homogeneous powder  
Colour: quince yellow (ochre)  
Odour: odourless



### Properties:

#### Chemical composition:

SiO <sub>2</sub>	46.80% ± 5%
Al <sub>2</sub> O <sub>3</sub>	7.30% ± 5%
Fe <sub>2</sub> O <sub>3</sub>	2.04% ± 5%
CaO	21.25% ± 5%
MgO	2.48% ± 5%

#### Particle size:

95% particles: <44 microns

#### Microbiology:

TAMC: <100 ufc/g  
(total aerobic microbial count)

TYMC: <10 ufc/g  
(total yeast and mould count)

Pathogens: Absence

#### Physical-chemical characteristics:

pH (Sol. 20% in water): 8.75 ± 1

#### Light stability:

- Natural light: stable
- Vitalux light: stable

Humidity: <7%

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### 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.

Color Clay® product range is distributed worldwide by:

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