



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdow Industrial Park, Clovelly Road,
Bideford, Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk
Call: +44 (0) 1237 420 872

GENERAL INFORMATION

Product Code: AB20461B

Related codes: AB20461BA00, AB20461BX05, AB20461BX15

Previous code: BRC-DR10

Clay is a natural mineral composed of extremely fine particles of silicates and several trace elements. The clays may exhibit different types and concentrations of metals such as titanium, magnesium, copper, zinc, aluminum, calcium, potassium, nickel, manganese, lithium, sodium and iron.

Clays are derived from sedimentary rocks (feldspar) that have undergone the process of erosion and exposure to climate processes for thousands of years. During this process, these fragments of rock break off and absorb characteristic metals and components of the land. The fragments can also be weathered by water from nearby rivers and organic compounds in each micro-region, thus forming the mineral product that is known as clay.

Thus it is possible to understand that each clay is unique, the result of a specific composition of soil, water and climate processes that occurred in a particular place and time.

Clays have been used for aesthetic purposes for centuries, and their expressive properties make it a raw material ideal for cosmetic products for skin care, hair and scalp. Many properties of clay have been highlighted by the cosmetic market in recent years, such as their water and oil absorption properties and firming effects.

The BeraMinerals line is comprised of different Brazilian clays and quartz crystals having various granulometric profiles. BeraMinerals can be used for many different cosmetic applications, such as creams/lotions, exfoliating products and cleansers, hair care products and color cosmetics, and can be used pure or in formulations.

PROPERTIES

- Natural and highly stable colors;
- Natural color promotion for cosmetic products;
- Improvement in sensory properties in emulsions;
- Help to promote cell ionic exchange;
- Remove waste (impurities, oiliness and dead skin cells);
- Detoxifying effect;
- Antioxidant.

COSMETIC USE

Because of its many properties, especially cosmetic, the Dark Red Clay is suitable for pure application or as an active in formulations, such as:

- Shampoos, conditioners and masks for all hair types;
- Natural and organic formulations;
- Products in general for all kinds of skin.

PHYSICAL AND CHEMICAL PROPERTIES

ANALYSIS	UNITS	SPECIFICATIONS
Appearance	Visual	Powder
Color (in natura)	Visual	Dark red
Odor	-	Characteristic
Granulometric distribution in suspension (maximum medium diameter)	µm	Max. 15.00
Organic Material	%	Max. 2.00
Loss for Dehydration	%	Max. 4.00

CHEMICAL COMPOSITION

SiO ₂	%	35.00 – 45.00
Fe ₂ O ₃	%	7.00 – 15.00
Al ₂ O ₃	%	30.00 – 40.00
TiO ₂	%	1.00 – 2.00

MICROBIOLOGICAL ANALYSIS

Total bacteria	cfu/g	< 100
Fungus and yeasts	cfu/g	< 10
<i>Staphylococcus aureus</i>	cfu/g	Absent
<i>Pseudomonas aeruginosa</i>	cfu/g	Absent
Total Coliforms	cfu/g	Absent

STORAGE INFORMATION

This product is stable for 48 months when stored in dry, well ventilated and light protected surroundings. Once open it should be used immediately. As it is a raw material of natural origin, there may be variations in color and composition between batches.

REGULATORY INFORMATION

INCI name (PCPC / COSING)	CAS Number
KAOLIN	1332-58-7