



BERACLAY 22063
Quartz Crystal Body



BeraMinerals



BERACA presents a wide portfolio composed of fixed oils, butters, scrubs, clays and actives sustainably sourced from the Brazilian biodiversity. The ingredients come from extractive communities throughout Brazil and are manufactured to connect our biodiversity with thousands of consumers around the world. Through a relationship marked by transparency, traceability and innovation, Beraca contributes directly to regional development and environmental preservation.



GENERAL INFORMATION

Code: AB22063B

Related codes: AB22063BA00, AB22063BX05, AB22063BX15

Previous code: BRC-Q01

Quartz is the second most abundant mineral in the Earth's continental crust. It is made up of a continuous framework of SiO_4 silicon-oxygen tetrahedra, with each oxygen being shared between two tetrahedra, giving an overall formula SiO_2 .

There are many different varieties of quartz, several of which are semi-precious gemstones. Especially in Europe and the Middle East, varieties of quartz have been since antiquity the most commonly used minerals in the making of jewelry and hardstone carvings.

Beraca's Quartz Crystal for body was prepared specially for the cosmetic and spa industries. It can be used pure or applied in different cosmetic formulations developed for the body.

COSMETIC USE

100% natural exfoliating agent, which promotes a friction action, removing the layers of dead cells and stimulating the renewal of the skin and stratum corneum.

We indicate the use of this raw material for the manufacture of various types of cosmetics, mainly for the renovation and care of the body.

PHYSICAL AND CHEMICAL PROPERTIES

| ANALYSIS | UNITS | SPECIFICATIONS |
|---|---------------|----------------|
| Appearance | Visual | Grains |
| Color (in natura- humid) | Visual | Beige |
| Odor | - | Characteristic |
| Granulometric distribution in suspension (maximum medium diameter) | μm | 590.0 – 620.0 |
| Organic Material | % | Max. 1.50 |
| Loss for Dehydration | % | Max. 4.00 |

CHEMICAL COMPOSITION

| | | |
|-------------------------|---|---------------|
| SiO_2 | % | 45.00 – 52.00 |
| Fe_2O_3 | % | 1.60 – 1.95 |
| Al_2O_3 | % | 30.00 – 35.00 |
| TiO_2 | % | 1.50 – 2.12 |
| MgO | % | 0.10 – 0.25 |

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 a cool, dry and well ventilated place, away from light and temperature. Because 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 |
|---------------------------|------------------------|
| SILICA | 7631-86-9, 112945-52-5 |



BERACA INGREDIENTES NATURAIS S.A.

Rodovia BR 316, Km 08, Quadra 03, Lote 03
Levilândia - Ananindeua
Pará - Brasil
Phone: +55 (91) 3215-5200