

CLAY DATA SHEET:
PINK CLAY

Pink clay is worked on the site of Lizy-sur-Ourcq. It is prepared from clays that have been carefully selected by Gildewerk BV. It is packaged and then marketed, either directly or by sub-contractors for all instructing parties.

Our promise: a 'Natural Quality' charter

- Guaranteed 100% natural clay
- Non-ionised clay
- Clay without preservatives
- End products that have not been tested on animals, but on human volunteers
(+ **alternative methods**)
- Raw materials originating exclusively from the mineral world
- Clay without nanoparticles

1. Decreasing qualitative composition

Illite, CAS N° 12173-60-3

Kaolin, CAS N° 1332-58-7

Allergens: none

2. Quantitative composition

a) *Major elements*

Elements	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	TiO ₂
minimum%	49	24	3.6	2.8	1.5	0.1	2.9	0.4
maximum%	54	27	4.0	3.1	1.6	0.2	3.2	0.5

b) *Minor elements: heavy metals*

Hg: < 0.033 mg/kg
Cd: 0.040 to 0.112 mg/kg
As: 10.96 to 14.32 mg/kg
Pb: 13.03 to 17.11 mg/kg

3. Physical properties

Level of humidity: 5% to 6% in general, but variable according to climatic conditions.

4. Microbiological specifications

- **The microbiological thresholds retained are taken from the European Pharmacopoeia 7th edition 5.1.8 A 'Microbiological quality of herbal medicinal products for oral use' (the mineral thresholds not being established).**
- **According to the Pharmacopoeia, 'higher acceptance criteria can be applied on the basis of a risk assessment taking account of the qualitative and quantitative features of the bioburden and the intended use of the product': non-pathogenic telluric bacteria in topical use.**
- **The microbiological specifications taken into account are as follows:**

Criteria	Values
Moulds and yeasts (TYMC)	< 10³ CFU/g
Gilded Staphylococcus (Staphylococcus aureus)	None

Complementary control indicated in the Pharmacopoeia: Total viable aerobic microbial count: TAMC $\leq 10^7$ CFU/g: irrelevant in mineral matter.

5. Lifespan

The recommended life of pink clay is 3 years.