



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

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

Certificate of Analysis

RHASSOUL LAVA CLAY

- Product **Rhassoul Lava Clay**
- Lot **04/2017**

ANALYSIS REPORT OF ORGANOLYPTIC ANALYSIS AND PHYSICAL PARAMETERS

Designation	Result
Physical Aspect	Powder
Color	Brown
Odour	Odorless
pH	7
Granulometry	<500µm
Density	1.7
Total ash resulting from complète calcination at 600 ° C	18%
Cationic Exchange Rate	75 méq/100g

ANALYSIS REPORT OF CHIMICAL ELEMENTS

Parameters	SiO₂	Al₂O₃	Fe₂O₃	FeO	TiO₂	CaO	MgO
Percentage Result	58	2.2	0.9	0.2	0.15	2.2	26.75
Parameters	Na₂O	K₂O	MnO	P₂O₅	P-F	TOTAL	
Percentage Result	0.5	0.64	<0.01	0.02	8.3	99.87	

The product marketed under the name "Ghassoul" must consist essentially of silicon, magnesium and oxygen ions which, expressed as oxides, must have the following contents, on the product dried at 110 ° C:

- SiO₂ of between 55 and 61%,
- MgO greater than 21%,
- MgO / SiO₂ higher than 0.45,
- Al₂O₃ less than 5%,
- Fe₂O₃ less than 2%,
- CaO less than 3

We hereby certify that this document is a copy of the original certificate/specification issued by our supplier. The foregoing statement does not release the buyer from checking the goods at arrival, and every effort should be made to ensure the goods are fit for purpose in the customers' process.



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

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

Certificate of Analysis

ANALYSIS REPORT OF HEAVY METALS

<i>Designation</i>	<i>Method</i>	<i>Result</i>
<i>Cadmium ppm</i>	NF EN 14083 Août 2003	< 5
<i>Chrome ppm</i>	NF EN 14083 Août 2003	24
<i>Plomb ppm</i>	NF EN 14083 Août 2003	13
<i>Molybdène ppm</i>	NF EN 14083 Août 2003	<5
<i>Mercuré ppb</i>	NF EN 13806 Janvier 2003	<10
<i>Arsenic inorganique ppm</i>	NF EN 14627 Août 2005	<10
<i>Cuivre ppm</i>	NF EN ISO 6869 Mars 2002	9

We hereby certify that this document is a copy of the original certificate/specification issued by our supplier. The foregoing statement does not release the buyer from checking the goods at arrival, and every effort should be made to ensure the goods are fit for purpose in the customers' process.