



# Fine Quality Clays



Spa

Skin

Poultice

Compress

Bath

Edible

Facial

Healing Clay

AV Websites Marketing Group Presents: GREENCLAYS.COM

sales@greenclays.com

## Calcium Bentonite / Montmorillonite Clay Analysis

### ICP-Mass Spectrometry Analysis and Certification

ALS Chemex Certification# 349096880072579

June 2009

#### Chemical Composition Percentage

Silica Dioxide:	SiO <sub>2</sub>	44.00
Magnesium Oxide:	MgO	11.7
Calcium Oxide:	CaO	9.85
Aluminum Oxide:	Al <sub>2</sub> O <sub>3</sub>	6.75
Potassium Oxide:	K <sub>2</sub> O	3.23
Ferric Oxide:	Fe <sub>2</sub> O <sub>2</sub>	2.34
Sodium Oxide:	Na <sub>2</sub> O	1.54
Titanium Oxide:	TiO <sub>2</sub>	0.25
Stronium Oxide:	SrO	0.21
Phosphorus Oxide:	P <sub>2</sub> O <sub>5</sub>	0.10
Manganese Oxide:	MnO <sub>2</sub>	0.06
Barium Oxide:	BaO <sub>2</sub>	0.03
Total Carbon:	C	2.16
Total Sulphur	S	0.02
Loss On Ignition:	LOI	19.60

#### Physical Properties ( Typical )

	350 Mesh	200 Mesh	50 Mesh
Specific Gravity	2.6	2.6	2.6
Apparent Density	31	47	60
Tapped Density	62	73	83
Dry Brightness	67	58	51
pH Value	9.7	9.7	9.7

#### Sieve Analysis ( Typical % )

	350 Mesh	200 Mesh	50 Mesh
+50 Mesh	44	23	nil
+200 Mesh	24	7	nil
+350 Mesh	nil	nil	nil

In addition, the clay mineral contains 578.1 PPM trace mineral content.

This clay, as with all bentonites, is classified as “Generally Regarded as Safe” by the United States Food and Drug Administration. However, these statements have not been evaluated by the Food and Drug Administration, and this product is not intended to diagnose, treat, cure or prevent any disease.