



Mineral Analysis Report

Product Name: Living Clay® Calcium Bentonite

Synonym: Montmorillonite

Chemical Family: Alumino Silicate

Formula: $Al_2O_3 \cdot SiO_2 \cdot H_2O$

CAS Number: 1302-76-7

HMIS: HO* FO RO

Country of Origin: United States

Report Prepared: 8/19/2014

Revision #: 00

Testing Method: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Loss on Ignition (at 1,000 degrees C): Avg. 18%

Silica Dioxide	SiO_2	46.0%*
Magnesium Oxide	MgO	12.5%*
Calcium Oxide	CaO	9.1%*
Aluminum Oxide	Al_2O_3	7.2%*
Potassium Oxide	K_2O	3.1%*
Ferric Oxide (Iron)	Fe_2O_3	2.2%*
Sodium Oxide	Na_2O	1.5%*
Carbon	C	.7%*
Titanium Dioxide	TiO_2	.2%*
Strontium Oxide	SrO	.2%*
Phosphorus Pentoxide	P_2O_5	.2%*
Manganese Oxide	MnO	.1%*
Barium Oxide	BaO	<.1%*
Sulphur	S	<.1%*
Chromium Oxide	Cr_2O_3	<.1%*

*Mean values reported to nearest .1% based on results from several Mass Spec. reports

This Analysis should be used for informational purposes and is not intended as a substitute for strict quality control analysis by the purchaser of this product.

Report Approved by:

Date: 8/19/2014

THE LIVING CLAY CO.

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