

New Mexico Clay

Test of food safety of Micared Clay Body

I made 4 Large 2 quart pots on the potter's wheel; they were fired to cone 010 or (915c - 1679 f).

Two liters of De-ionized water was then boiled for two hours.

This approximates cooking pinto beans in a bean pot.

The water was allowed to cool the put back into the original gallon bottle.

Laboratory analysis shows no measurable amount of Lead, Arsenic or Cadmium. The PH was largely unaffected and the sodium @ .4 parts per million is negligible (20 ppm. is the threshold for drinking water.)



Environmental Testing Services

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NM Clay Inc

Subject: NM Clay

Samples Collected: 01/04/18

Samples Analyzed: 01/08/2018 - by WTR

<u>Analyte</u>	<u>Sample</u>	<u>Standard</u>	<u>Method *</u>
Arsenic, mg/L	<0.005	0.01	3111-Ar-B
Lead, mg/L	<0.010	0.015	3111-Pb-B
Cadmium, mg/L	<0.002	0.005	3111-Cd-B
pH	6.67	6.5-8.5	4500-H ⁺ A
Sodium, mg/L	0.4		3111-Na-B

* **Methods:** Standard Methods for Water and Wastewater, 22nd Ed. 2012:

* EPA Primary Drinking Water Standards may be found on the web at:

<https://www.epa.gov/dwstandardsregulations>