



## Analysis of Calcium Bentonite, a form of Montmorillonite clay

<b>Elemental Composition</b>	Typical analysis – moisture free
	SiO <sub>2</sub> 60.5 %
	Al <sub>2</sub> O <sub>3</sub> 18.2 %
	Fe <sub>2</sub> O <sub>3</sub> 5.25 %
	MgO 3.26 %
	CaO 3.14 %
	Na <sub>2</sub> O 0.20 %
	K <sub>2</sub> O 0.14 %
	LOI 4.85 %
<b>Moisture</b>	Maximum 15% as shipped
<b>Dry Particle Size</b>	40% Minimum passing 200 mesh (74 micron)
<b>pH</b>	5.0 to 9.0 @ 5% solids
<b>Bulk Density</b>	50 to 62 pounds per cubic foot
<b>Base Exchange</b>	Typical base exchange ions or exchangeable cations (meq / 100g)
	Calcium 60 – 70
	Sodium 0 – 3
	Magnesium 5 – 15
	Potassium 0 – 4
<b>Packaging</b>	50lbs (22.68kgs) multi-wall paper bags 2000lbs (907.18kgs) bulk bags Bulk