

## VOLCLAY<sup>®</sup> WHITE FEED GRADE POWDER

<b>General Description</b>	Volclay White Feed Grade Powder is a naturally occurring light colored sodium bentonite with an average particle size less than 200 mesh.																
<b>Functional Use</b>	Fine white powder used as a binder for livestock and poultry feeds and as a digestive aid.																
<b>Chemical Formula</b>	Diocahedral smectite, an expanding layer silicate: $(\text{Na,Ca})_{0.33}(\text{Al}_{1.67}\text{Mg}_{0.33})\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$																
<b>Elemental Composition</b>	Typical analysis – moisture free. <table><tr><td>SiO<sub>2</sub></td><td>75.44 %</td></tr><tr><td>Al<sub>2</sub>O<sub>3</sub></td><td>15.28 %</td></tr><tr><td>MgO</td><td>2.54 %</td></tr><tr><td>Fe<sub>2</sub>O<sub>3</sub></td><td>1.65 %</td></tr><tr><td>CaO</td><td>2.29 %</td></tr><tr><td>Na<sub>2</sub>O</td><td>1.25 %</td></tr><tr><td>K<sub>2</sub>O</td><td>1.00 %</td></tr><tr><td>LOI</td><td>4.20 %</td></tr></table>	SiO <sub>2</sub>	75.44 %	Al <sub>2</sub> O <sub>3</sub>	15.28 %	MgO	2.54 %	Fe <sub>2</sub> O <sub>3</sub>	1.65 %	CaO	2.29 %	Na <sub>2</sub> O	1.25 %	K <sub>2</sub> O	1.00 %	LOI	4.20 %
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<b>Moisture</b>	Maximum 12% as shipped.																
<b>Spec. Gravity</b>	2.6																
<b>Dry Particle Size</b>	Minimum 70% passing 200 mesh.																
<b>pH</b>	8.0 - 10.5 @ 5% solids.																
<b>Packaging</b>	50 pound multi-wall paper bags, or bulk.																

**Disclaimer:** The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information