



## White (Lion) Kaolin Clay, USP

INCI: Kaolin

A washed, white, soft Kaolin with very low levels of trace elements including low heavy metals. For use in the cosmetic, pharmaceutical, and other high purity, human consumption industries.

### Specifications

#### Typical Chemical Analysis

<b>Silica (SiO<sub>2</sub>):</b>	48.0%
<b>Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>):</b>	37.0%
<b>Ferric Oxide (Fe<sub>2</sub>O<sub>3</sub>):</b>	0.8%
<b>Potash:</b>	1.9%
<b>Loss on Ignition:</b>	12.1%
<b>pH Value:</b>	5.0 + 0.5

#### Specifications

#### Typical Physical Properties

<b>Dry Brightness:</b>	82.5 + 0.7
<b>Yellowness:</b>	5.2 + 0.7
<b>Particle Size Distribution:</b>	
> 50 microns:	0.05% Max
> 10 microns:	15%
< 2 microns:	45%
<b>Oil Absorption:</b>	38 lbs/100 lbs
<b>Specific Gravity:</b>	2.6
<b>USP:</b>	Meets or exceeds all USP/NF requirements
<b>Bacteria:</b>	Available in an FDA grade with guaranteed less than 100 TPC
<b>Packaging:</b>	55 pound (25 kilo)
<b>Country of Origin:</b>	England

**Date:** 07/31/08

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