

# CHARLES B. CRYSTAL CO., INC

689 Mamaroneck Ave.  
Mamaroneck, NY 10543  
Tel: 914 777 3330 Fax: 914 777 3035

WEB SITE: [www.cbcrystal.com](http://www.cbcrystal.com)

E-Mail: [info@cbcrystal.com](mailto:info@cbcrystal.com)

INDUSTRIAL MINERALS SINCE 1897

## KAOLIN LION CHINA CLAY USP

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. Low bacteria FDA quality also available on request.

### CHEMICAL ANALYSIS:

Silica (SiO <sub>2</sub> )	48.0%
Alumina (Al <sub>2</sub> O <sub>3</sub> )	37.0%
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.8%
Potash (K <sub>2</sub> O) + Soda (Na <sub>2</sub> O)	1.9%
Loss on Ignition	12.1%
pH	5.0 + 0.5

### PHYSICAL ANALYSIS:

Brightness	82.5 + 0.7
Yellowness	5.2 + 0.7
Particle Size Distribution:	
Over 50 Microns	0.05% max
Over 10 Microns	15%
Under 2 Microns	45%
Oil Absorption	38 lbs/100lbs
Specific Gravity	2.6

**USP:** Meets or exceeds all UPS/NF requirements, lot numbered C of A's accompany shipments

**BACTERIA:** Available in an FDA grade with guaranteed less than 100 TPC

**PACKING:** 55 pound (25 kilo) multiwall paper bags.

**ORIGIN:** England