

PRODUCT DATA SHEET:
Kaolin

Life Sciences
Colloidal Kaolin 2596 USP / BC

Pharmaceutical - Kaolin, USP are used as as internal absorbent, diluent, filler and opacifier in pharmaceutical preparations. It is widely used in creams and lotions as a suspending agent and opacifier. In veterinary applications, it functions as a topical and G.I. absorbent and as a component of poultices.

Cosmetics - Kaolin is used as an extender and suspending agent in a variety of cosmetic preparations. It is used in lotions, creams, powders and color cosmetics.

TYPICAL PHYSICAL PROPERTIES	
Median Particle Size (micron)	1.8
Dry Brightness	87.5 - 89
Specific Gravity	2.60
Loose Bulk Density (lbs/ft ³)	10 - 20
Tapped Bulk Density (lbs/ft ³)	15 - 25
Loss on Ignition (max %)	15
Acid Soluble (max %)	2.0
Oil Absorption	42
pH (10% slurry)	6.7 - 7.7

USP CHEMICAL ANALYSIS	
Pb - Lead (max ppm)	10
CO ₂ - Carbonate	No Effervescence
Iron	Slightly Reddish Tint
Organic Volatile Impurities	Meets Requirements
Identification	Positive Test for Aluminum

BSI Code: 2596

INCI: Kaolin

C.A.S. Number: 1332-58-7

Monographs: USP

Storage: Store in cool location, keep away from heat and direct sunlight. Keep container sealed.

Handling Precautions: Please refer to the Kaolin 2596 USP / BC Safety Data Sheet.

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Brenntag Specialties, LLC / 1 Cragwood Rd, Suite 302, South Plainfield, NJ 07080 / 800.732.0562