

White Kaolin Clay

INCI: Kaolin (White Clay)
Product ID: CLAYCHINAGB35

Specifications

Analytical Details

Identification (NF/USP):

Loss on Ignition:

Acid Soluble:

Oil Absorption:

Carbonate:

Iron (Fe):

pH:

Brightness:

Yellowness:

Specific Gravity:

Specifications

NF/USP

< 15%

< 2%

38g/100cc

No Effervescence

Slight Tint Max

5.0

82.5

5.2

2.6

Particle Size Distribution

Over 50 Microns:

≤ 0.05%

Over 10 Microns:

≤ 15%

Under 2 Microns:

≤ 45%

Heavy Metals

Lead (Pb):

< 10ppm

Arsenic (As):

< 10ppm

Cadmium (Cd):

< 1ppm

Mercury (Hg):

< 0.1ppm

Typical Composition

Silica (SiO₂):

47.0%

Alumina (Al₂O₃):

37.0%

Ferric Oxide (Fe₂O₃):

0.8%

Potash (K₂O) + Soda (Na₂O):

1.9%

Microbial Limit (E. Coli):

Absent

Yeast & Mold:

N/A

Handling:

Use general purpose gloves and wear approved shield safety glasses for protection.

Shelf Life:

Stable

Date: 09/19/2024

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