



## Bentonite Clay

INCI: Bentonite  
Product ID: CLAYBENT200US35

### Specifications

#### Analytical Details

**Color:**  
**Specific Gravity:**  
**Residue on US Sieve #200:**  
**pH:**  
**Moisture Content:**  
**Cation Exchange Capacity:**  
**Free Swell (cc/2g):**

#### Specifications / Typical Analysis

Tan to Gray  
2.45 - 2.65  
2.5 - 3.5  
8.5 - 9.5  
6 - 10%  
70 - 90 meq/100g  
16 - 24 cc/2g

#### Chemical Analysis

**Silicon Dioxide:** 60.34%  
**Aluminum Oxide:** 19.28%  
**Ferric Oxide:** 3.48%  
**Sodium Oxide:** 2.34%  
**Calcium Oxide:** 0.38%  
**Magnesium Oxide:** 1.67%  
**Titanium Dioxide:** 0.22%  
**Potassium Oxide:** 0.10%  
**Other:** 0.07%  
**Moisture:** 7.75%  
**Loss on Ignition:** 4.37%

#### Heavy Metals

**Arsenic:** < 0.1 ppm  
**Barium:** 0.5 ppm  
**Cadmium:** < 0.05 ppm  
**Chromium:** < 0.1 ppm  
**Lead:** < 0.1 ppm  
**Mercury:** < 0.02 ppm  
**Selenium:** < 0.05 ppm  
**Silver:** < 0.1 ppm

**Shelf Life:** Stable

**Date:** 03/03/2020

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