

## **Shay and Company**

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

Kaolin Clay Lot# 220412

Country of Origin: China Manufacture Date: 04/2022 Expiration Date: 04/2025

Ingredient Name (INCI): Kaolin Clay

Composition: 100% Hydrated Aluminum Silicate

Packaging: Bags

Description: White, free flowing powder; odorless

Applications: Skincare, Soap Manufacturing

Certificates: none

Method of Extraction: Naturally occurring

Plant Part Used: n/a CAS no: 1332-58-7

Vegan: Yes Gluten Free: Yes

Allergen: None known

Food Grade: Yes

| Characteristic                 | Spec       | Result |
|--------------------------------|------------|--------|
| Brightness                     | 96% min    | 96.4   |
| SiO2                           | 50-54      | 53.5   |
| Al203                          | 43-47      | 46.2   |
| Particle Size 0-2 micron       | 95%        | 96.1   |
| Particle Size 0-10 micron      | 99.50%     | 100    |
| Refractivity                   | 1.62       | 1.62   |
| Screen Residue (325 mesh)      | 0.005 max  | 0.004  |
| Oil Absorbancy (g/100g)        | 57-63      | 62     |
| рН                             | 5.5-7      | 6.5    |
| Moisture                       | 0.5% max   | 0.4    |
| L.O.I (500-600 degree)         | 12% max    | 11.7   |
| Fe                             | 0.01%max   | 0.006  |
| Acid Soluble Substance         | 0.5% max   | 0.2    |
| Carbonate                      | Nil        | 0      |
| Heavy Metals (calculate as pb) | 10 ppm max | 8      |

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Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.

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