



Shay and Company

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

Beeswax Beads, White

Lot# 14037-24

Country of Origin: USA

Manufacture Date: 07/2024

Expiration Date: 07/2027

Ingredient Name (INCI): Cera Alba (Beeswax)

Composition: 100% Beeswax

Packaging: Loose

Description: White waxy pastilles

Applications: Skincare, Soap Manufacturing, Industrial

Certificates: Kosher

Ingredient Composition: 100% Beeswax

Vegan: No

Gluten Free: Yes

Allergen: None known

Food Grade: GRAS

| Test | Specification | Analysis | UOM |
|----------------------------|---------------|-----------|----------|
| Color | White | Off white | n/a |
| Melting Point | 62-66°C | 63°C | DEG C |
| Saponification Cloud Point | NMT 65 | 99 | DEG C |
| Acid Value | 17-24 | 19 | MG KOH G |
| Ester Value | 72-79 | 80 | MG KOH G |
| Residual Solvents | None | Conforms | |

Regarding safe harvesting of beeswax beads and prills:

Our beeswax beads manufacturer has been operating for over 100 years. This know-how implies reliable outsourcing of crude beeswaxes, from all around the world, in order to constantly offer batch to batch high and reproducible quality waxes.

The companies we deal with for decades work either with local beekeepers or are beekeepers themselves. It is important to point out that the collection of crude Beeswax, a by-product of honey production, is secondary to the collection of raw honey, a much larger and more significant industry.

To illustrate this ancestral industry, the honey (and beeswax collections) could be described as follows:

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- The apiarist extracts the honey from the comb by first removing the frame from the hive and mechanically cutting the outer layer of Beeswax (Capping) from the comb.
- Immediately, the frame is put into a centrifuge which facilitates the removal of raw honey. The frame, now without honey but with combs intact, is returned to the hive which will again be filled by the honeybee.

To address the concern of possible harm to the bees in removing the honey from the hive, it is nonexistent. Great care is taken by the beekeeper to maintain his bees: without the bees, the apiarist would lose his business.

We trust that these further precisions about this industry substantiate the great care which is taken of the bees.

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.