



Product Specifications

Hops Flower Powder

(*Humulus lupulus*)



Product Code: 83617200

Product Description: Pure hops flower (*Humulus lupulus*) powder; steam sterilized.

Product Properties

| | |
|-----------------|--|
| Color | Yellow-green to brown |
| Appearance | Powder, uniform particles |
| Taste | Characteristic of hops flower; bitter |
| Odor | Characteristic of hops flower; grassy |
| Excipient | None |
| Mesh Size | ≥ 98.0% through 40 mesh ≥ 90.0% through 60 mesh |
| Identity | TLC profile unique to hops flower |
| Plant part used | Strobile |

Analytical Values

Spec.

| | | |
|----------------|-------------|------|
| Bulk Density | As reported | g/mL |
| Tapped Density | As reported | g/mL |
| Moisture | ≤ 12.0 | % |
| Total Ash | ≤ 12.0 | % |

Heavy Metals and Pesticides

Spec.

| | | |
|------------|------------------------------------|-----|
| Lead | < 2.0 | ppm |
| Arsenic | < 1.5 | ppm |
| Cadmium | < 2.0 | ppm |
| Mercury | < 0.1 | ppm |
| Pesticides | Conforms to USP <561> requirements | |

Microbiological Values

Spec.

| | | |
|---------------------------|---------------|-------|
| Total Aerobic Plate Count | ≤ 100,000 | CFU/g |
| Yeast | ≤ 1,000 | CFU/g |
| Mold | ≤ 1,000 | CFU/g |
| <i>E.coli</i> | None Detected | /25g |
| <i>Salmonella</i> | None Detected | /25g |

Country of Origin: China (raw material), US (manufacturing)

Packaging: Packed in a poly bag in corrugated box, 50lbs net weight

Storage: The product must be stored in a dark, cool, and dry area. Keep the package well-sealed.

Best Used By: 36 months after production date under proper storage conditions

Quality Assurance

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

Customer Approval

I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.

Name (print):

Signature:

Title:

Date:
