



## Food Grade Natural Cantaloupe Melon Flavor Oil with Authentic Profile for Beverage and Food Applications

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL100055
- Minimum Order Quantity: 1KGS/To Be Negotiated
- Price: 1-49 Kilograms \$20.00, To Be Negotiated
- Packaging Details: Carton Drum Packing :5kgs/drum,4 Drum/carton,20kgs/carton(41\*28\*33.5cm);Iron Drum Packing: 25 Kg/drum (D: 30cm, H: 45cm)(0.032cbm)
- Delivery Time: 3-5 Working Days For Trial Order; 5-10 Working Days For OEM Order
- Payment Terms: L/C,T/T,Western Union,MoneyGram
- Supply Ability: 2000 Kilogram/Kilograms Per Day



#### Product Specification

- Storage Instructions: Store In A Cool, Dry Place
- Ingredients: Natural And Artificial Flavors
- Origin: Natural
- Projection: Moderate
- Aroma: This Mango Flavor Has Strong Mango Aroma
- Storage: Store In Cool And Dry Place
- Other Names: Lemon Fragrance Essence Oil
- Fragrance Family: Fruit
- Certifications: Halal, Kosher, ISO 9001
- Concentration: High
- Safety Precautions: Keep Out Of Reach Of Children
- Sample: Free Samples,10-15 Kinds,Each About 2 MI
- Highlight: **Authentic Cantaloupe Profile Flavor Oil , Beverage and Food Application Food Fragrance , Thermal Stability Cantaloupe Melon Essence**



## Product Description

### Food Grade Natural Cantaloupe Melon Flavor Fragrance

Product Code: LDZ-PL100055

The Food Grade Natural Cantaloupe Melon Flavor/Fragrance is a meticulously crafted aromatic and gustatory profile designed to authentically replicate the sensory experience of a perfectly ripened Cucumis melo variety. This flavor is characterized by a complex interplay of sweet, musky, and subtly green notes, striking a delicate balance between succulence and freshness.



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#### Flavor Profile

This Food Grade Natural Cantaloupe Melon Flavor/Fragrance is engineered using a three-tiered approach to achieve maximum sensory complexity and authenticity, mirroring a classic perfumery structure.

| Top Notes | Middle Notes | Base Notes |
|-----------|--------------|------------|
|-----------|--------------|------------|

| Top Notes                                                                                                                                                                                                            | Middle Notes                                                                                                                                                                                                                  | Base Notes                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| The profile opens with an immediate burst of vibrant, aqueous sweetness and succulent juiciness. This initial lift is characterized by high volatility esters delivering the unmistakable "freshly cut" melon aroma. | The core of the flavor, the middle notes, stabilize the initial sweetness and develop the true musky, narcotic character of the cantaloupe. This heart is often driven by sulfur-containing compounds and specific aldehydes. | The lasting impression is a clean, natural finish. The base notes provide depth and fixation, ensuring the flavor is long-lasting without being heavy. |



Technical Specifications

Formular of Mint Cinnamon Fragrance (For reference only)

| Ingredients   | Percentage(%) | Ingredients    | Percentage(%) | Ingredients    | Percentage(%) |
|---------------|---------------|----------------|---------------|----------------|---------------|
| Melonaldehyde | 3             | Phylloacetate  | 2             | Ethyl maltol   | 8             |
| Leaf alcohol  | 3             | Linalool       | 2             | Ethyl acetate  | 2             |
| Butyl acetate | 4             | Amyl acetate   | 4             | Ethyl butyrate | 11            |
| Amyl butyrate | 20            | Ethyl valerate | 5             | Amyl valerate  | 20            |





Applications & Benefits

The versatility and high-fidelity profile of the Food Grade Natural Cantaloupe Melon Flavor/Fragrance allow its application across diverse sectors of the food and beverage industry.

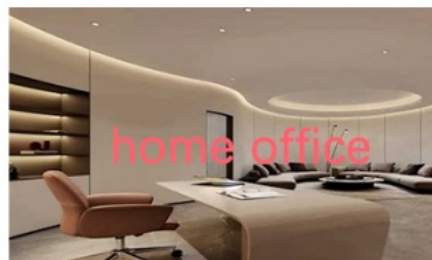
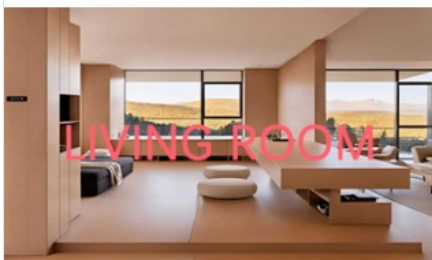
| Application                         | Description                                                                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beverages and Hydration Products    | Extensively used in juices, sparkling waters, energy and sports drinks, flavored teas, and functional waters that require a light, clean, and recognizable fruit note. |
| Dairy and Frozen Desserts           | Ideal for yogurts, ice creams, sorbets, gelatos, and frozen novelties. The musky sweetness pairs exceptionally well with creamy or icy textures.                       |
| Confectionery and Bakery            | Provides a recognizable and intense fruit flavor in candies, gummies, chewing gums, and fruit jellies. Offers a distinct, aromatic alternative in bakery applications. |
| Nutritional and Dietary Supplements | Applied in protein powders, meal replacement shakes, and nutritional bars to significantly improve taste and mask bitterness of vitamins or protein bases.             |

Functional Properties

The Food Grade Natural Cantaloupe Melon Flavor/Fragrance performs several crucial technical and sensory functions within product formulation.

| Property                           | Description                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Flavor Enhancement and Consistency | Imparts the complex, musky-sweet character of ripe cantaloupe and ensures a uniform, standardized flavor profile across every batch. |
| Thermal and Shelf-Life Stability   | Engineered to withstand food processing like pasteurization and baking, minimizing flavor loss and extending perceived freshness.    |
| Masking Off-Notes                  | Effectively conceals undesirable background notes common in plant-based proteins, vitamins, minerals, or artificial sweeteners.      |
| Aromatic Uplift (Fragrance)        | Contributes a powerful, authentic top-note aroma that enhances overall perceived flavor intensity and eating satisfaction.           |

## applications



## applications

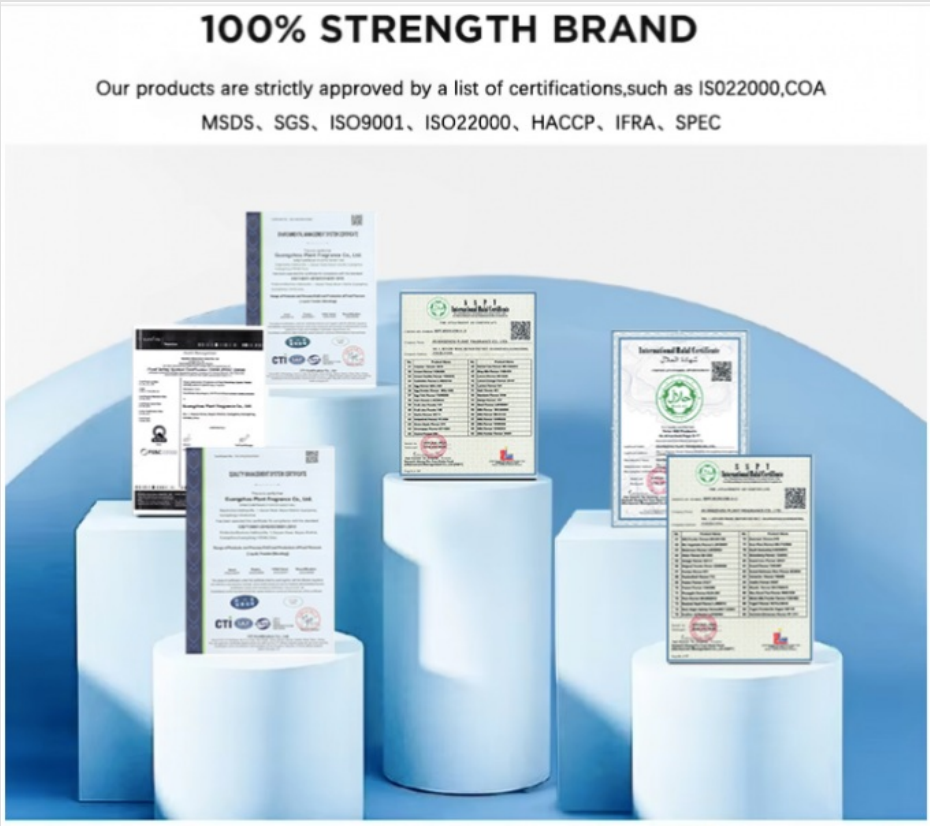


### Packaging Options

| Pack Type      | QTY  | Specification                             | Volume   |
|----------------|------|-------------------------------------------|----------|
| Plastic Bottle | 5kgs | L41*W28*H33.5cm (5kg*4 bottle per carton) | 0.038cbm |

| Pack Type    | QTY      | Specification     | Volume   |
|--------------|----------|-------------------|----------|
| Metal Barrel | 25kgs    | D30*H45cm         | 0.032cbm |
| Jerry Can    | 20-25kgs | L29.5*D29.5*H41cm | 0.33cbm  |

**Production Time:** 3-5 days for trial orders, 5-10 days for bulk orders.







### Support Services

- Product usage instructions and guidance
- Expert advice on fragrance selection
- Technical support for any issues or concerns
- Product customization services
- Assistance with regulatory compliance
- OEM support for custom scents



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