



Food Grade High Concentration Spearmint Fragrance Flavor For Chewing gum

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL100059
- 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



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Product Description

Food Grade High Concentration Spearmint Fragrance Flavor For Chewing gum

Product Code: LDZ-PL100059

This "Food Grade High Concentration Spearmint Fragrance Flavor" is a specialized, typically liquid, food additive designed to deliver the classic spearmint taste profile in products like chewing gum.

It offers a characteristic refreshing, cool, and subtly sweet spearmint taste. Unlike the sharp, sometimes "hot" flavor of peppermint (which is dominated by menthol), spearmint flavor is primarily defined by the compound carvone, giving it a milder, sweeter, and more herbal mint note.

The spearmint flavor for chewing gum, while technically a food flavor, is often described using perfumery "notes" to detail its sensory progression, especially when formulated for a long chew.



Flavor Profile:

It can be formulated using natural spearmint oil (derived from the *Mentha spicata* plant) and/or natural and artificial flavor

components blended to optimize the taste, stability, and longevity required for a commercial chewing gum product.

Top Notes (Initial Impact)	Intense Coolness: The immediate, sharp burst of minty freshness. This initial lift is essential for the consumer's first impression. Sweet, Aromatic Leaf: A very clean, vibrant green note, resembling freshly crushed spearmint leaves. This is the first wave of the characteristic sweetness of spearmint. Volatile Carvone: The primary volatile compound responsible for the core spearmint scent. The high concentration ensures this top note is powerful and noticeable right away.
Middle Notes (Sustained Flavor)	Smooth Herbal Body: As the initial sharp coolness subsides, the flavor transitions to a more rounded, smoother herbal character. The sweetness is sustained but less sugary. Subtle Green: A persistent, clean "green" undertone, avoiding any medicinal or harsh notes. This is where the long-lasting effect of encapsulated or less volatile flavor components is most prominent. Balancing Sweetness: The flavor is kept palatable through a controlled release of sweetness, often balanced with the primary mint compound.
Base Notes (Lingering Finish):	Clean Freshness: The final, lasting impression is a clean, fresh-breath sensation that lingers well after the gum has been discarded. Faint Sweet Carvone: A gentle, non-irritating, residual hint of the characteristic spearmint (carvone) flavor that prevents the chew from becoming bland. Soft Cooling Effect: A subtle, cool sensation in the mouth and throat, without the intense menthol "burn" often associated with peppermint.



Technical Specifications

Formular of Spearmint Fragrance Flavor (For reference only)

Ingredients	Percentage(%)	Ingredients	Percentage(%)
spearmint Oil	58	Peppermint oil	20
Methyl salicylate	2	Menthol	20



Functional Properties:

This Food Grade High Concentration Spearmint Fragrance Flavor is highly versatile and critical in the confectionery and oral care industries. This flavor is engineered to perform several critical roles beyond simply providing taste:

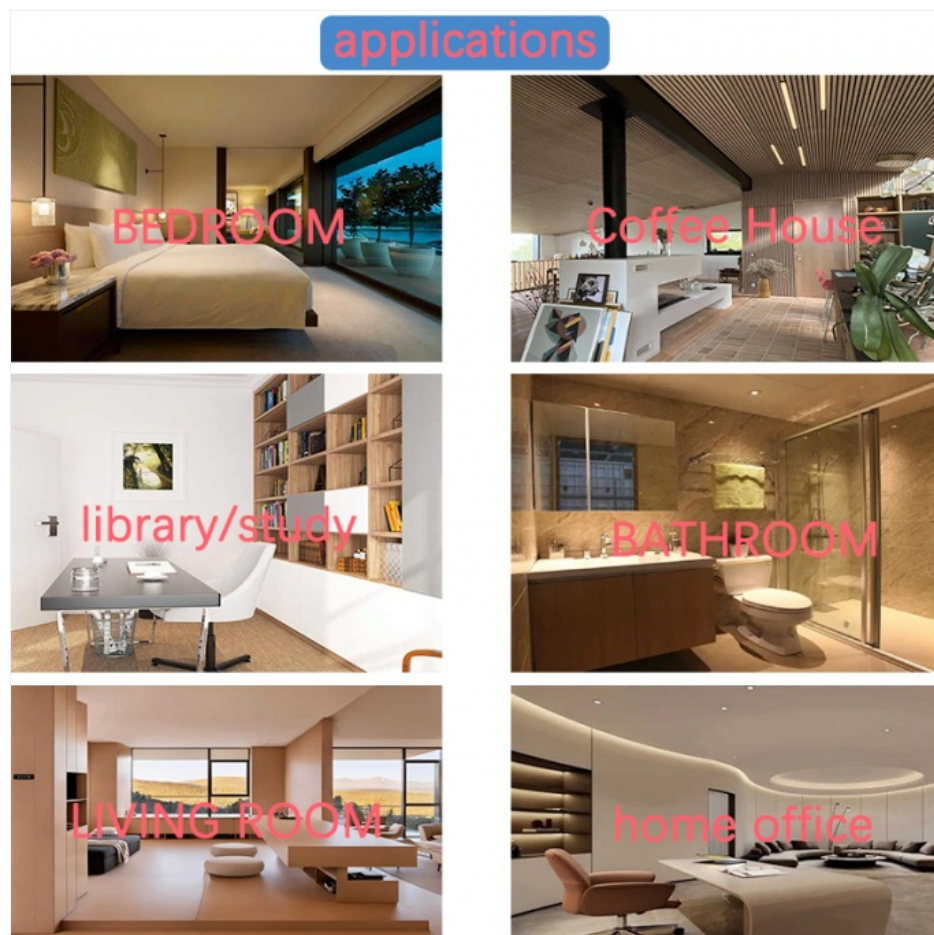
Flavor Impact and Longevity	Its high concentration is essential for delivering an intense, immediate flavor burst upon chewing, followed by a sustained, long-lasting taste. Flavor manufacturers use specialized forms (like encapsulated or spray-dried oils) to control the release, ensuring the spearmint taste remains enjoyable for the entire chew time and does not dissipate too quickly.
Masking Agents	It functions as a powerful masking agent to hide the off-tastes, bitterness, or chemical notes of other gum ingredients, particularly artificial sweeteners (like aspartame, acesulfame K, or sucralose) and the gum base itself.

Cooling Sensation	It provides a clean, refreshing, and cooling effect, which is highly desired in breath-freshening products. Although milder than peppermint, the spearmint's inherent coolness significantly enhances the user's perception of "fresh breath."
Aroma and Appeal	The pleasant spearmint aroma released from the gum enhances the overall sensory experience, making the product more appealing and memorable to consumers.

Applications & Benefits:

While its primary use is chewing gum, this high-concentration, food-grade spearmint flavor is broadly applied across the food and beverage sectors:

Chewing Gum and Bubble Gum	The most prominent application, where it is used in sugar-free and sugar-sweetened varieties for its classic, clean, and refreshing taste. It is a staple flavor worldwide, suitable for slab, pellet, and stick formats.
Confectionery	It is extensively used in hard candies, soft chews, mints, lozenges, and compressed sugar tablets to deliver a cool, herbal-sweet mint flavor.
Oral Care Products	Given its association with fresh breath, it is a popular ingredient in toothpastes, mouthwashes, and dental rinses, where it improves palatability and conveys a sensation of cleanliness.
Beverages and Supplements	Less concentrated versions may be used in certain herbal teas, functional drinks, throat sprays, and dietary supplements to provide a palatable, minty flavor.



applications



Packaging Options

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

100% STRENGTH BRAND

Our products are strictly approved by a list of certifications, such as ISO22000, COA, MSDS, SGS, ISO9001, ISO22000, HACCP, IFRA, SPEC



Packaging & Logistics

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Support Services

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



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