



Food Grade Red Bull Type Flavor Oil with High Solubility and Stability in High-Acid Systems for Beverages

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL100058
- 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

- Highlight: Food Grade Flavor Oil, High Solubility Beverage Flavor, Stability in High-Acid Systems Food Fragrance



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Product Description

Food Grade Red Bull Fragrance Flavor For Beverage With Free Sample

Product Code: LDZ-PL100058

The Food Grade Red Bull Type Flavor Fragrance is a complex, synthetic profile engineered to replicate the iconic, slightly polarizing taste and invigorating aroma of the original energy drink. It is classified as a "fantasy" or "compound" flavor, meaning it does not mimic a single natural source but rather a recognizable product. The sensory profile is a signature blend characterized by a dominant sweet-tart duality with distinct fruity, chemical, and herbaceous top notes.



Flavor Profile

This flavor is designed for superior solubility and stability in high-acid, high-sugar liquid systems, making it perfect for carbonated and still energy drink applications.

To p Not es	The initial impact is a rush of bright, effervescent fruit notes, often perceived as a blend of sweet cherry, tart citrus (lemon/lime), and tropical hints (potentially a nod to passion fruit or pineapple esters). This lift provides the immediate sensory hit that communicates energy and excitement.
Mi ddl e Not es	The heart of the flavor is where its uniqueness lies--a noticeable sweet/medicinal/syrupy character. This is the taurine-mimicking base, often augmented by key aldehyde and pyrazine components that provide a unique, slightly burnt sugar or candy-like depth, distinguishing it from simple fruit flavors.
Ba se Not es	The finish is typically a clean, slightly sour-tart residue designed to provide a mouth-watering effect and quickly prepare the palate for the next sip. Its persistence is formulated for beverages, providing a full, heavy-bodied mouthfeel that lasts.



Technical Specifications

Formular of Apricots Fragrance Base (For reference only)

Ingredients	Percentage(%)	Ingredients	Percentage(%)	Ingredients	Percentage(%)
Isoamyl acetate	19	Ethyl butyrate	19	Eugenol	0.3
Ethyl acetate	16	Butyl butyrate	20	Sweet orange oil	0.5
Pentanol	1.3	Ethyl heptanoate	10	Anethole	0.2





Applications & Benefits

The unique and well-defined profile of the Food Grade Red Bull Type Flavor/Fragrance focuses its applications predominantly within the functional and recreational beverage sector.

Energy Drinks	It is the standard flavor choice for generic, private-label, or start-up carbonated energy drinks seeking the classic "energy drink" taste without infringing on brand specifics. It is used in both full-sugar and zero/low-calorie formulations (where masking is most critical).
Functional Shots and Pre-Workout	The highly concentrated nature of the flavor makes it ideal for use in two-ounce energy shots and pre-workout supplements (often in powdered format). Here, its potency helps to deliver a strong flavor experience in very small serving sizes, overcoming the intense bitterness of concentrated and amino acids.
Alcoholic Ready-to-Drink (RTD) Mixers	It is widely applied in canned alcoholic seltzers or RTD cocktails that mimic the classic "Vodka-Energy" highball. The flavor provides the necessary syrupy sweetness and distinctive tang to blend seamlessly with neutral spirits.
Syrups and Slushies	Outside of direct canning, the flavor concentrate is used in fountain syrups, snow cone flavorings, and frozen beverage (slushie) mixes popular in convenience stores, allowing for a high-impact, immediately recognizable flavor experience across various frozen formats.

Functional Properties

The Food Grade Red Bull Type Flavor/Fragrance is a critical functional ingredient for the beverage industry, primarily serving technical and psychological roles necessary for a successful energy drink product.

Iconic Brand Replication	Its key function is to precisely replicate the globally recognized "fantasy" flavor of the original energy drink, immediately triggering brand recognition and consumer loyalty in generic or store-brand products. This familiar profile is crucial for market entry.
Masking of Functional Ingredients	This complex, sweet-tart profile is a highly effective masking agent. It successfully conceals the often metallic, bitter, or sulfurous off-notes associated with active functional ingredients, such as xx, B-vitamins, amino acids (e.g., Taurine), and certain sugar substitutes. This is essential for product palatability.
Stability in High-Acid Systems	The flavor compounds are specifically engineered for superior stability in the highly acidic, carbonated environment typical of energy drinks. This ensures the flavor profile does not degrade or change over the product's long shelf life.
Aromatic Signal of Energy	As a fragrance, its volatile, tart-fruity top notes provide an immediate olfactory cue that signals a potent, stimulating experience. This strong initial aroma, combined with carbonation, enhances the perception of invigoration and efficacy, fulfilling the product's core promise.

applications



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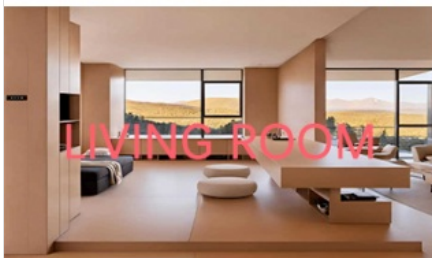
Coffee House



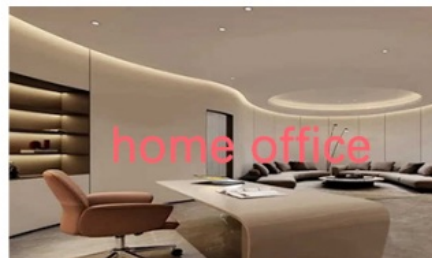
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SELECTED HIGH-QUALITY
INGREDIENTS



ULTRA +
WHITENING
FRESH BREATH TOOTHPASTE

Packaging Options

Pack Type	QTY	Specification	Volume
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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.







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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