



JOHN KELLYS (LONDON) LTD

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● Essential Oils ● Aromatic Chemicals ● Oleoresins ● Fragrances ● Flavors ● Functional ingredients

TECHNICAL DATA SHEET

PRODUCT: Raspberry Ketone

JK LOT NUMBER: 38189

DATE OF MANUFACTURE: November 01, 2025

DATE OF EXPIRY: October 31, 2027

1. Product Identification

Product Name: Raspberry Ketone
Chemical Name: 4-(4-Hydroxyphenyl)-2-Butanone
CAS No.: 5471-51-2
FEMA No.: 3531
Molecular Formula: C₁₀H₁₂O₂
Molecular Weight: 164.20 g/mol
Appearance: White to off-white crystalline powder
Odor: Characteristic sweet raspberry, fruity odor
Purity Grade: Food grade / Fragrance grade / Cosmetic grade

2. Physical & Chemical Properties

Item	Specification
Melting Point	82 ~ 86 °C
Boiling Point	~292 °C
Solubility	Slightly soluble in water; soluble in ethanol, propylene glycol, vegetable oils, organic solvents
Density	~1.15 g/cm ³
Loss on Drying	≤ 0.5%
Ash Content	≤ 0.1%

3. Assay & Composition

Assay (HPLC): ≥ 99.0%
Main Ingredient: 4-(4-Hydroxyphenyl)-2-butanone
No artificial diluents or additives for pure grade

4. Compliance Standard

FEMA GRAS
FDA 21 CFR Approved
ISO / IFRA Compliant
Food additive compliance standard

This certificate is generated using data provided by our suppliers.

5. Applications

Flavor Industry: Raspberry, strawberry, fruit flavor for beverage, candy, bakery, dairy

Fragrance Industry: Sweet fruity note for perfume, soap, detergent, candle

Cosmetics & Personal Care: Fragrance ingredient, skin care additive

Health & Raw Material: Weight management raw material, health supplement ingredient

6. Storage & Shelf Life

Storage Condition: Sealed, cool & dry place, away from light and heat, sealed tightly after opening

Shelf Life: 24 months under original sealed packaging

7. Handling & Safety

Avoid direct contact with eyes and skin

Use in well-ventilated area

Keep away from children; not for direct eating in raw powder form