

## Supplier Ingredient Information/ Specifications

<b>Natural Red Raspberry Extract</b>	
<b>Product ID Number:</b> RedRasp	<b>Effective Date:</b> 11-01-02
<b>Revision Date:</b> 01-04-05	
<b>Supercedes:</b> none	<b>Prepared by:</b> Ray R. Lochhead, chemist

### Supplier

Cook Flavoring Company

### Contact Name

Raymond R. Lochhead (California)

### Phone Number

(800) 369-3400 (California)

### Ingredient Description

A dark red colored liquid having a characteristic flavor and aroma.

### Allergen Statement

None

### Label Declaration

Red Raspberry Extract; All flavor ingredients are approved for use in a regulation of the FDA or are listed as being generally recognized as safe on the Flavor and Extract Manufacturer's Association list. This product contains Raspberry extracts with other natural flavors, alcohol and water.

Nutrition Facts			
Size: 100 grams			
Amount per 100 grams			
Calories	103.6		
Calories from fat	0		
		% Daily Value	
Total Fat	0g		0%
Saturated fat	0g		0%
Cholesterol	0mg		0%
Sodium	0mg		0%
Total Carbohydrate	3.1g		.03%
Dietary Fiber	0g		0%
Sugars	0g		
Protein	0g		
Vitamin A	0%	Vitamin C	0%
Calcium	0%	Iron	0%
Thiamin	0%	Riboflavin	0%
Niacin	0%	Folic Acid	0%

% Daily Value (DV) is based on 2,000 calorie diet

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### Physical/Chemical Properties

Color:	Dark Red
Taste:	Raspberry (free from foreign tastes)
Odor:	Raspberry (free from foreign odors)
% Moisture:	80.1%
Alcohol	18.9%
Specific Gravity	0.9735 @ 65°F
pH of 10% Solution	3.2 @ 65°F

### Microbiological

Standard Plate Count	<100
Yeast	Negative
Mold	Negative
E. Coli	Negative
Salmonella	Negative
Staphylococcus	Negative
Listeria	Negative

### Packaging

4 X 1 polyethylene gallon (3.78 liters) jugs or 55 gallon (208 liters) polyethylene drums.

### Shipping and Storage

Store at room temperature (60-85°) away from direct sunlight and heat. Keep containers tightly sealed. Product shall be kept in compliance with 21CFR110.93. Specified temperature and humidity should be maintained throughout shelf life of product. Product to be kept in well ventilated areas free from odors. All transportation used to ship product is to be clean, dry and free of any conditions which could contribute to the contamination of food products and thereby cause product loss.

### Shelf Life

365 days if stored in typical warehouse temperature and away from direct sunlight and heat.

### Freshness Requirement

This product shall be less than 25% of its shelf life when shipped.

### Regulatory Approval

This product is manufactured in accordance to all FDA requirements promulgated in CFR 21 and meets all federal and state regulations for food products including proposition 65.