



## **SPECIFICATION FOR RED RADISH COLOR**

Red radish color is a kind of natural pigment obtained from red-heart radish by extracting and refining. Its main components are anthocyanins in pelargononidin.

### ***SENSORIAL AND ANALYTICAL SPECIFICATIONS***

<b><i>CHARACTERISTICS</i></b>	<b><i>SPECIFICATION</i></b>
Appearance	Dark red liquid or powder
Color value	E 1 % 1 cm, pH 3.0, 515 nm 20-50
pH Value	3.5-4.5
Heavy metals	20 ppm maximum
Arsenic	2.0 ppm maximum
Lead	5.0 ppm maximum
Coliform bacillus	Negative
Loss on drying	10 % maximum
Pathogenic bacteria	absent

### **Application**

Natural color used in beverages, ice creams, confections, lipsticks, jams and jellies.

### **Characteristics**

The product is soluble in water and ethanol, insoluble in oils: easy to absorb moisture and turns into cakes, but this does not influence its use, slight acidity smell, better stability under light, heat and oxygen.

### **Package**

Liquid packed in 20 kg/drum powder: 5 kg/bag, 10 kg/ carton.

### **Storage**

Protect from light and heat. Store in cool, dry, airproof and non pollution conditions.