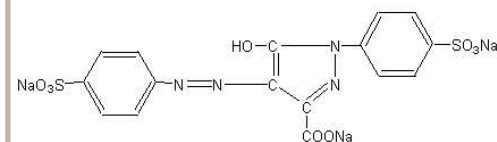




# Tartrazine



E 102

C<sub>16</sub>H<sub>9</sub>N<sub>4</sub>O<sub>9</sub>S<sub>2</sub>Na<sub>3</sub>

## Appearance:

### POWDER:

- 85% standard
- On request, product available at different concentrations

### GRANULAR:

- 95% standard

### SOLUTION:

- 10% standard
- On request, product available at different concentrations

## Identification

EC No. E 102  
 C.I. No. 19140  
 CAS No. 1934-21-0  
 EINECS 217-699-5  
 FD&C No. YELLOW 5

## Legislation

Europe:  
 95/45 EC  
 North America:  
 FDA: CFR 21 PART.1/99-82.105 I  
 Japan:  
 Positive list

## Properties

Pure Dye Content: 85% min.  
 Max. absorbancy: E1%=5301cm in  
 Aqueous solution at 426 ±2nm  
 Chloride/Sulphate/Humidity at  
 135°≤15%  
 Other parameters as per local  
 legislation.



## Solubility

In water: 50 g/l  
 In ethanol 95%: <1g/l  
 In ethanol 50%: 10 g/l  
 In propylen glycol: 100 g/l

## Stability

Heat: good  
 Light: good  
 Citric acid (pH=3): good  
 Alkali (pH=8): good

## Applications

Foodstuff  
 Beverages  
 Pharmaceuticals  
 Cosmetics, Personal care  
 Detergents  
 Inks

**FIORIO COLORI**  
 90 years experience

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