

## Orange G

Cat :NO. IO1800

Storage: RT, 2 years (protect from light)

### Introduction:

Orange G is a widely used acidic dye, often used for staining collagen in connective tissue. When used with Orcein, Alizarin blue 2B and Fast Green FCF in Kornhauser quadruple stain, most of the basic structures of tissues can be stained. It is also used in conjunction with the acid fuchsin acid and acid green in Masson trichromatic dyes for the staining of cell structures, red blood cells and muscle cells.

Orange G is also a tracking dye for nucleic acid electrophoresis and can be used to track front-end DNA in agarose gels. Faster migration than bromophenol blue, and smaller DNA fragments can be detected. Color development is usually performed on 50bp in agarose at a concentration of up to 2.5%. Orange G is also used as a standard for SDS-capillary electrophoresis.

### Parameter:

CAS: 1936-15-8

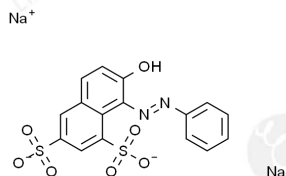
Molecular Formula:  $C_{16}H_{10}N_2Na_2O_7S_2$

Molecular Weight: 452.37

Purity:  $\geq 98\%$

Appearance: Orange to orange red Solid

Solubility: Soluble in Water  $\geq 1\text{mg/mL}$



### Note

1. For your safety and health, please wear laboratory coats and disposable gloves when operating.
2. This product is for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store it in ordinary residential areas.

### Related products

IC1000 Congo Red

IN0170 Nile Red

IT1180 Thiazole Orange

IS0200 Sunset Yellow FCF

IF0020 Fast Green FCF

IC1641 Cardiogreen