



## **Gel Loading Dye, Orange**

### **Description**

6xGel Loading Dye, Orange is a pre-mixed loading buffer with two tracking dye for agarose and non-denaturing polyacrylamide gel electrophoresis. EDTA is included to chelate magnesium (up to 10 mM) in enzymatic reactions, thereby stopping the reaction. Xylene cyanol and Orange G are the standard tracking dye for electrophoresis.

### **Contents**

10 mM Tris-HCL (pH 7.6), 0.03% Xylene Cyanol, 0.15 % Orange G , 60 % Glycerol , 60 mM EDTA

### **Application**

Analysis of large DNA molecules. Preparation of DNA ladders, markers and samples for loading on agarose or polyacrylamide gels

### **Features**

Two-color tracking of DNA migration during electrophoresis

No DNA masking during gel exposure to UV light

EDTA binds divalent metal ions and inhibits metal dependent nucleases.

### **Storage**

Store at RT .

### **Quality Assurance Statement**

6x Gel Loading Dye, Orange is assayed for contaminating endonuclease, exonuclease and RNase activity

