



46200

## 6x Orange Loading Dye

Part E

### Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Dark Green
Electrophoresis test	Dye in 1X Concentration is mixed with Plasmid DNA and the mobility is tested by agarose gel electrophoresis
Stability	It should be stable when subjected to repeated freeze-thaw

### Other Information

Description

6x Gel Loading Dye is a pre-mixed loading buffer with two tracking dyes 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 dyes for electrophoresis.

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.

### General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
5 x1 ml	38229090 (GST 12%)

### Available Packages

#### Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com