

## DATASHEET

### 6X Loading Buffer with Agarose Gel Loading Dye (with ficoll)

Version: 201807

**Cat. No.** D0084

**Size:** 5 ml

**Description:**

This dye is used as a loading dye for DNA/RNA samples and DNA markers in agarose gels. It contains Bromophenol Blue and Xylene cyanol as tracking dye during electrophoresis. The EDTA is included in the solution to protect sample from nuclease degradation.

**Composition:**

<b>Ficoll</b>	5%
<b>Dye A</b>	approx 4,000 bp in 1% agarose gel
<b>Dye B</b>	approx 300 bp in 1% agarose gel

**Applications:**

DNA sample preparation for agarose or polyacrylamide gel analysis.

**Storage:**

The product can be stored for 6 months at room temperature or 4°C and stored at -20°C for longer periods.

**Quality Control:**

<b>DNase, RNase</b>	Not detected	
<b>Absorbance of Solution (dilution 1:100 with deionized water)</b>	at 525 nm	0.02~0.08
	at 588-594 nm	0.1~0.4
	at 635-641 nm	0.05~0.2