

DATASHEET

Version: 201807

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

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:

Ficoll	5%
Dye A	approx 4,000 bp in 1% agrose gel
Dye B	approx 300 bp in 1% agrose 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:

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