

## Gel Loading Dye, Purple (6X), no SDS



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B7025S 001140817081

# B7025S

**4 ml** **Lot: 0011408**  
**Exp: 8/17** **Store at 25°C**

**Description:** Gel Loading Dye, Purple (6X), no SDS is a pre-mixed loading buffer which contains a combination of two dyes, Dye 1 (pink/red) and Dye 2 (blue). The red dye serves as the tracking dye for both agarose and non-denaturing polyacrylamide gel electrophoresis. The two dyes separate upon gel electrophoresis; the red band is the major indicator and migrates similarly to Bromophenol Blue on agarose gels. Specifically chosen, this dye does not leave a shadow

under UV light. EDTA is also included to chelate magnesium (up to 10 mM) in enzymatic reactions, thereby stopping the reaction. The dye also contains Ficoll®, which creates brighter and tighter bands when compared to glycerol loading dyes.

**1X Gel Loading Dye, Purple:** 2.5% Ficoll-400, 10 mM EDTA, 3.3 mM Tris-HCl (pH 8.0 @ 25°C), 0.02% Dye 1 and 0.0008% Dye 2.

**Storage Conditions:** Store at room temperature.

**Quality Assurance:** Gel Loading Dye, Purple (6X), no SDS is assayed for Non-Specific DNase Activity (16 hour), Exonuclease Activity (Radioactivity Release), Endonuclease Activity (Nicking) and RNase Activity (Extended Digestion).

**Note:** Use 5 µl of Gel Loading Dye, Purple (6X), no SDS per 25 µl reaction, or 10 µl per 50 µl reaction. Mix well before loading gel



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CERTIFICATE OF ANALYSIS

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