

# 6x BLUE DNA Loading Buffer

## CERTIFICATE OF ANALYSIS

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<b>#AG16</b>	6x BLUE DNA Loading Buffer
<b>Quantity:</b>	1 ml
<b>Batch Number:</b>	685872
<b>Expiry Date</b>	08.2018
<b>Storage conditions:</b>	Store at room temperature or at +4°C up to 12 months. For longer periods, store at -20°C.
<b>Shipping conditions:</b>	RT
<b>Specification:</b>	6x Blue DNA Gel Loading Dye is pre-mixed loading buffer with a tracking dye for agarose and non-denaturing polyacrylamide gel electrophoresis. This solution contains EDTA that binds divalent metal ions, inhibits metal dependent enzymatic reactions and protects DNA from metal dependent nucleases, effectively inactivating enzymes and protecting DNA from nucleases. The loading dyes increase the density of the sample and they add colour to the sample, thereby simplifying the loading process. The optimized 6x Blue DNA Loading Dye contains one electrophoresis tracking dye: bromophenol blue. Bromophenol blue migrates at approximately 300 bp on a standard 1% TAE or TBE agarose gels.

## QUALITY CONTROL

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Tested for DNA sample preparation prior to agarose gel electrophoresis.

Quality authorized by: Justyna Leibner-Ciszak      Date: 14.03.2017

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**PRODUCT USE LIMITATION**

This BLIRT S.A. product has been developed for research purposes only. This product is not suitable for human and animal therapeutic or diagnostic use.

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