

# Certificate of Analysis

## 6x DNA Loading Dye Buffer Orange and Blue

**Cat. No.**

**Quality Control Assays:**

**Lot No.**

Assay	Result
Functional test	passed

**Pack Lot No.**

COA-07-03 v2  
Revised 22.12.2025

**Expiry date**

**Concentration:** 6x concentrate

**Description:**

6x DNA Loading Dye Buffer Orange and Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel Orange G comigrates with ~40 bp (1 x TBE) or ~60 bp (1 x TAE) fragments and Xylene Cyanole FF comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments

**Mix Composition:**

Orange G, TRIS-HCl, EDTA and Ficoll.

**Shipping:** at ambient temperature

**Storage conditions:** at -20°C until Expiry Date.

**Safety precautions:** Please refer to Safety Data Sheet for more information

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

**FOR RESEARCH USE ONLY. NOT FOR USE IN  
DIAGNOSTIC PROCEDURES.**

**APPROVED BY:**

*Head of Quality and Product Management*