

**Certificate of Analysis**  
**For Research Use Only**  
**Not for Human or Animal Consumption**

**KPL BCIP/NBT Phosphatase Substrate (1-Component)**

**PART CODE:** 5420-0036 (50-81-10)

**LOT NUMBER:** 10737376

**SIZE** 1000 mL

**DESCRIPTION:** This one component substrate provides a stain for use with phosphatase labeled antibody. The substrate deposits a permanent dark purple stain on membrane sites bearing phosphatase.

**FORM/STORAGE:** Liquid. Store refrigerated at 2 - 8°C.

**CONTENT:** The KPL BCIP/NBT Phosphatase Substrate contains 5-Bromo-4-chloro-3-indoxyl-phosphate (BCIP) at a concentration of 0.21 grams/liter and nitro blue tetrazolium (NBT) at a concentration of 0.42 grams/liter in an organic base/Tris buffer.

**HANDLING:** Avoid excessive skin contact.

**STABILITY:** Product is stable for one year from date of receipt when stored properly. A fine blue-black precipitate may be observed. The presence of this precipitate does not affect performance.

**DATE OF MANUFACTURE:** 23 JAN 2025

**Approval:**

*Shelley Neal*  
QA Verified By

*05 FEB 2025*  
Date