



## Certificate of Conformance

**Description:** BCIP / NBT Substrate

**Catalog No.:** B0522 **Part No.:** 90537

**Lot No.:** 2545301

**Shipping / Storage:** Product is shipped ambient. On arrival, store refrigerated at 2°C to 8°C. Do not freeze!

**Precaution:** Do Not Dilute! Solution is provided "ready-to-use" and may not perform correctly if it is diluted. The substrate is light sensitive and must be protected from light during incubation with the Alkaline Phosphatase labeled probe.

### BATCH DATA

#### General Information

BCIP / NBT Substrate is a ready-to-use single component substrate intended for the detection of Alkaline Phosphatase labeled probes on membranes (e.g. western blots, dot blots). The substrate is a stabilized formulation of BCIP (5-bromo-4-Chloro-3-Indoly-Phosphate-*p*-toluidine ) and NBT (NitroBlue Tetrazolium chloride). This solution may be used in blot applications as a substitute for 2-component substrates. After incubating with the Alkaline Phosphatase labeled probe and washing with Tris buffer, add substrate to completely cover the membrane. Incubate membrane until a sufficient color intensity appears (typically 5 - 20 minutes) and stop the reaction by thoroughly washing with distilled or deionized water.

**Manufacturing/Assay Date:** 12/5/2014

**Expiration Date:** 12/5/2016

Q.C. Verification

Laboratory Manager

December 5, 2014

Shipping Verification

Order Processing Associate