

# Certificate of Analysis

## KPL HistoMark® Enhance ORANGE Buffer Solution

**PART Code.** 5510-0040 (71-00-07)  
**Lot No.** 10593950  
**SIZE** 50 mL

**DESCRIPTION** KPL Enhance ORANGE Buffer Solution is a component of the HistoMark® ORANGE immunohistochemical staining system for the detection of reagents labeled with horseradish peroxidase (HRP). This buffer must be used in place of 0.1 M Tris buffer when diluting KPL Diaminobenzidine-Catechol (DAB-C) Substrate Concentrate. Through enhancement with nickel, the normal light-brown reaction product of DAB is converted to a distinct orange stain.

**FORM/STORAGE** Liquid. Store refrigerated and tightly capped at 2 – 8°C.

**CONTENT** KPL Enhance ORANGE Buffer Solution consists of an acetate buffer containing nickel sulfate. DAB is a suspected carcinogen. Avoid excessive skin contact.

**STABILITY** Product is stable of one year from date of receipt when stored properly.

**DATE OF MANUFACTURE** 01 DEC 2021

Approval:



Quality Assurance

13 DEC 2021

Date