

This research examines and analyzes false negative results in presumptive blood testing methods on leather, specifically leather prepared with quebracho extracts. The Phenolphthalein Assay (Kastle-Meyer test) was performed on dried bloodstains on leather containing quebracho extracts. Based on published studies, the Kastle-Meyer test will produce false negative results due to the antioxidant properties of quebracho. However, this research shows that while very dilute bloodstains did produce a false negative, quebracho leather had a minimal impact on Kastle-Meyer efficacy. Therefore, forensic analysts need not be concerned with leather producing false negative results for the presence of blood.