

Performance Curve for ChromateCheck™ Swabs

A Chromate (VI) standard was used to test the sensitivity of ChromateCheck™ Swabs. The concentration of the standard was between 5 micrograms and 0.0375 micrograms. ChromateCheck™ Swabs were used as directed. A clear gradation in color was observed as the concentration varied from high to low. No color develops in the absence of chromate. The test results are pictured below. (Developed swabs were placed in a test tube rack for the picture.)



5.0 2.5 1.25 0.62 0.31 0.15 0.075 0.037
 Micrograms of Hexavalent Chromium



HIGH
 5 micrograms Cr (VI) to 1 µg



MEDIUM
 0.62 micrograms Cr (VI) to 0.31 µg



LOW
 0.05 micrograms Cr (VI) to 0.037 µg