



Bartovation LLC.  
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## **Product Technical Fact Sheet**

Product Code: PQT04V50

Product Description: Very High Level Quaternary Ammonium (QAC, Multi Quat) Sanitizer Test Strips, 0-10,000 ppm [Vial of 50 Strips]

Application: Determines high level quaternary sanitizer concentrations up to 10,000 ppm for when testing stronger solutions that kill pathogenic organisms.

Test Range: 0-10,000 ppm

Test Increments: Color chart calibrated at 0, 1000, 2500, 5000, 10,000 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: 500 ppm

Storage Recommendations:

Store in original packaging in a cool (20-30C), dry, place out of direct sunlight.

Shelf-Life: Two years from date of manufacture when stored properly in original packaging.

Interferences: Our QAC strips have color charts calibrated to solutions prepared from OASIS 146, an industry standard quat product. The performance of the papers and strips with alternate quat products should always be verified. Any additives should be evaluated to see if they contribute to the “protein-error” effect.

Instructions for use:

1. Remove one test strip from the vial, do not touch the test pad with your fingers.
2. Dip the test strip into the solution to be tested and remove immediately.
3. Compare the test pad to the color chart within 5 seconds

Chemistry Behind the Test: Bartovation QAC strips utilize an effect commonly referred to as the “protein-error of indicators” to quantify the QAC ppm levels. The technique utilizes pH indicators and buffering systems to create an environment where the test paper or strip develops color proportional to the amount of QAC present.

Disclaimer:

This QAC test strips is not intended for use to diagnose, treat, or monitor any medical condition.