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Product Technical Fact Sheet

Precision Part Number: QAC-400-1B-50

Precision Description: QAC QR 0-400 ppm, 1 Bag, 50 strips per bag

Application:

The 0-400 ppm QAC QR test strip is used for testing disinfection/sanitizing solutions of quaternary ammonium mixtures in water. The test strip and color chart have been calibrated for use with Oasis 146 (Ecolab). Oasis 146 concentrate consists of the following active ingredients.

Alkyl dimethyl benzyl ammonium chloride	3.00%
Octyl decyl dimethyl ammonium chloride	2.25%
Dioctyl dimethyl ammonium chloride	0.90%
Didecyl dimethyl ammonium chloride	1.35%

The test strip can be used with other similar Quat formulas; however, the specific application should be verified before use.

Test Range: 0-400 ppm

Test Increments: Color chart calibrated at 0, 100, 200, and 400 ppm using Oasis 146

Accuracy: +/- ½ color chart unit

Detection Limit: 25 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:

Formula additives can adversely influence the results. Use with formulations other than Oasis 146 should be verified first.

Temperature can adversely affect the results. Temperatures of 90-110F can cause strips to read up to ½ unit high. Temperatures above 110F can shift the results 1 unit high. Testing at room temperature is recommended.

Hard water (above 500 ppm) can cause the strips to read high, up to 1 unit.

Instructions for Use:

1. Dip strip into the solution to be tested for 1-2 seconds.
2. Compare strip to color chart within 10 seconds.