

METAQUAT® #1013

Technical Data Sheet

APPLICATION	CONTACT TIME	WATER HARDNESS	REC. PPM RANGE	REC. DILUTION RANGE
Cleaning	NA	NA	NA	2 oz / gal
Disinfection: <i>Staphylococcus aureus</i> and <i>Salmonella enterica</i>	10 minutes	NA	520 – 565 ppm	2 oz / gal
Disinfection: <i>Escherichia coli</i> 0157:H7, <i>Listeria monocytogenes</i> , <i>Shigella dysenteriae</i> , and <i>Yersinia enterocolitica</i>	10 minutes	NA	1560 – 1695 ppm	6 oz / gal
Fungicidal	10 minutes	NA	520 – 565 ppm	2 oz / gal
Deodorization	NA	NA	520 – 565 ppm	2 oz / gal

TITRATION PROCEDURE

Note: This test should be run on a sample of the end-use dilution of metaquat.

1. Fill test tube (0715) to 5 mL line with sample water.
2. Dilute to 15 ml line using QAC-free water.
3. Add 5 drops of QAC indicator (6413). The solution will turn green.
4. Fill the Direct Reading Titrator (0384) with the QAC Titration Solution (6412) and insert the tip of the titrator into the test tube cap. While mixing, slowly press the plunger to titrate until the green color turns brown.
5. Read the concentration of the test sample where the plunger meets Titrator scale. Record as % QAC.