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| --- | --- |
| Concentration | Average Absorbance |
| Deionized Water | 0.095 |
| Solution 1 | 0.117 |
| Solution 2 | 0.176 |
| Solution 3 | 0.219 |
| Solution 4 | 0.355 |
| Solution 5 | 0.713 |
| Solution 6 | 2.464 |
| Solution 7 | 3.510 |

Deionized Water: Just 25mL’s of deionized water

Solution One Makeup: 5mL’s mouthwash and 20mL’s of deionized water.

Solution Two Makeup: 10-mL of 300 ppb zinc solution (.075mL of 100ppm Zinc solution and 24.935mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.

Solution Three Makeup: 10-mL of 500 ppb zinc solution (.125mL of 100ppm Zinc solution and 24.875mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.

Solution Four Makeup: 10-mL of 1 ppm zinc solution (.25mL of 100ppm Zinc solution and 24.75mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.

Solution Five Makeup: 10-mL of 3 ppm zinc solution (.75mL of 100ppm Zinc solution and 24.25mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.

Solution Six Makeup: 10-mL of 5 ppm zinc solution (1.25mL of 100ppm Zinc solution and 23.75mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.

Solution Seven Makeup: 10-mL of 10 ppm zinc solution (2.5mL of 100ppm Zinc solution and 23.5mL’s of deionized water), 5mL’s of mouthwash, and 10mL’s of deionized water.