

## Concentration vs %Transmittance Chloride, PPM (mg/Liter)

Cat. No. K-2103

455 nm

| %T        | %T UNITS |      |      |      |      |      |      |      |      |      |
|-----------|----------|------|------|------|------|------|------|------|------|------|
| TENS      | 0        | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    |
| <b>10</b> | 38.2     | 35.4 | 33.0 | 30.9 | 29.0 | 27.2 | 25.7 | 24.2 | 22.9 | 21.7 |
| <b>20</b> | 20.6     | 19.5 | 18.6 | 17.7 | 16.8 | 16.0 | 15.3 | 14.6 | 14.0 | 13.3 |
| <b>30</b> | 12.8     | 12.2 | 11.7 | 11.2 | 10.7 | 10.3 | 9.8  | 9.4  | 9.0  | 8.7  |
| <b>40</b> | 8.3      | 8.0  | 7.7  | 7.3  | 7.0  | 6.8  | 6.5  | 6.2  | 6.0  | 5.7  |
| <b>50</b> | 5.5      | 5.3  | 5.1  | 4.9  | 4.7  | 4.5  | 4.3  | 4.1  | 3.9  | 3.8  |
| <b>60</b> | 3.6      | 3.5  | 3.3  | 3.2  | 3.0  | 2.9  | 2.8  | 2.6  | 2.5  | 2.4  |
| <b>70</b> | 2.3      | 2.2  |      |      |      |      |      |      |      |      |
| <b>80</b> |          |      |      |      |      |      |      |      |      |      |
| <b>90</b> |          |      |      |      |      |      |      |      |      |      |

PPM (mg/Liter) =  $29.38(\text{abs})^2 + 8.50(\text{abs}) + 0.28$

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Apr. 09, Rev. 3

For best accuracy, generate an  
instrument specific calibration.