

HARDNESS (TOTAL)

Determination of Total Hardness (as CaCO₃) Range: 0 - 10ppm

| Notes | Health & Safety |
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| Please read before proceeding with the test. | Refer to R & S phrases on individual bottles. |
| When performing the test hold the dropper bottles exactly upside down and allow drops to form slowly and fall off under their own weight. | Wear protective gloves and safety goggles when performing any tests using corrosive, harmful or irritant reagents. |
| Do not shake off drops as this will affect the accuracy of the test. | Do not ingest. |



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| Take sample according to expected range. | Add 4 drops of TH5(A) per 10ml | Count drops of TH0 until pure blue . |
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Colours may vary depending on sample and test conditions.

Total Hardness ppm (as CaCO₃) = Number of Drops x Factor

ppm = mg/l

| Expected Range | Sample Size | Titrant Used | Factor |
|----------------|-------------|--------------|--------|
| 0 – 5 | 20ml | TH0 | 0.25 |
| 0 – 10 | 10ml | TH0 | 0,5 |