

New Target Zones for Water

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Connect & Learn WOC Copenhagen / 27 June 2024



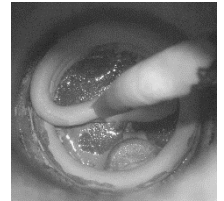
It's not about the water

What makes water a complex topic is everything else but the water itself

Water



Limestone and other minerals



Beans



Measure - Aim - Treat

Determine your starting composition



Choose a target composition



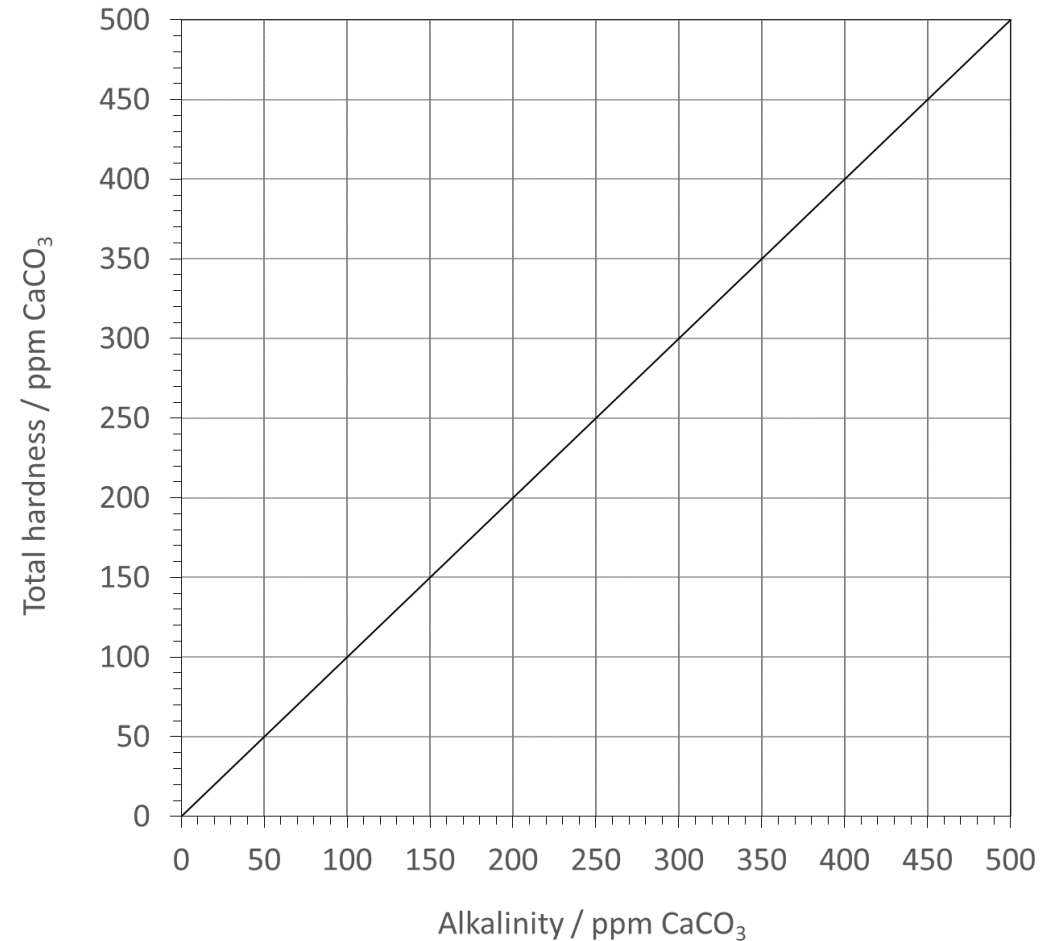
Apply a suitable treatment



Measure

Testing your water composition

- Total hardness
- Alkalinity



Aim



Why water compositions matters to your coffee: Reasons for Water Treatment



Sensory reasons for water treatment

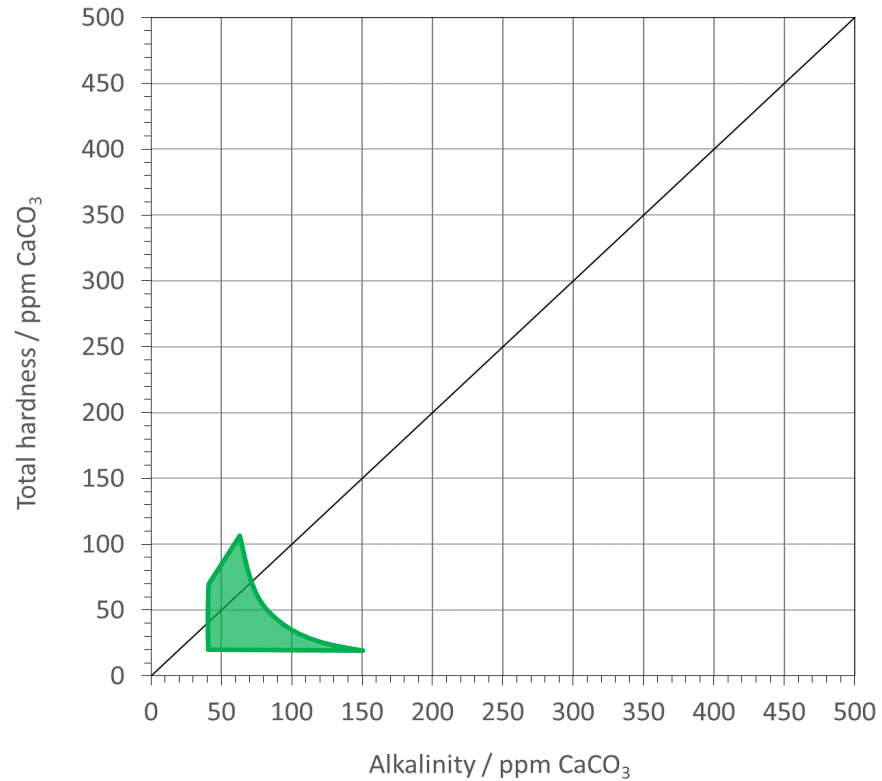
- **Remove chlorine**
- **Control alkalinity**
- Adjust **total hardness** to improve **extraction balance**

Practical/technical reasons

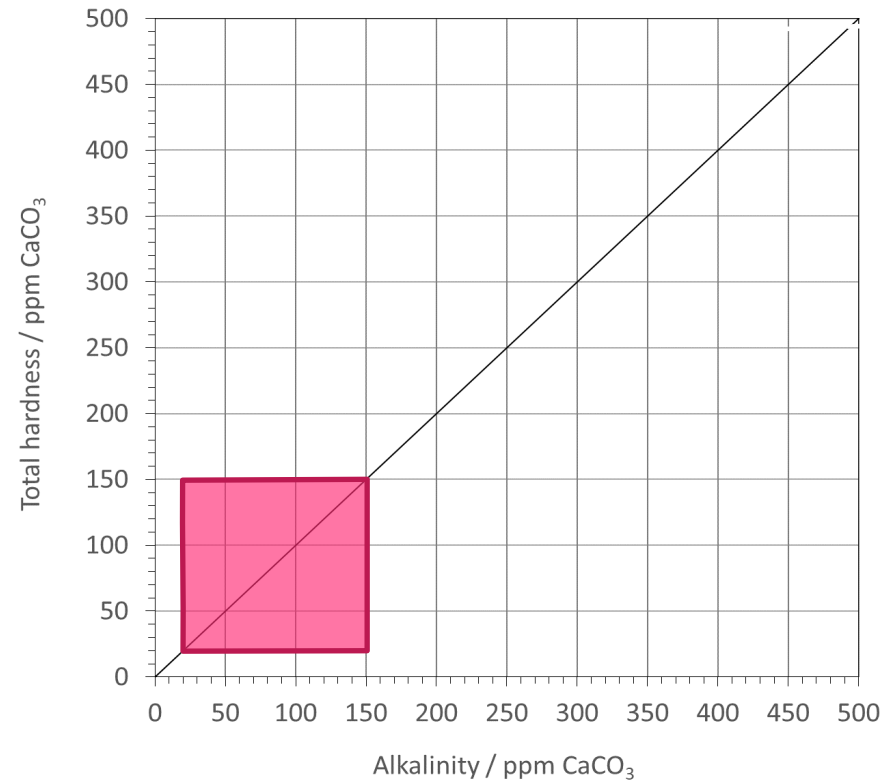
- **Avoid scale formation**
 - Decrease in heating efficiency
 - Blockage of valves and orifices
- **Minimize corrosion risk: Alkalinity and total hardness above 20 ppm CaCO₃**

New target compositions – two zones

Espresso coffee



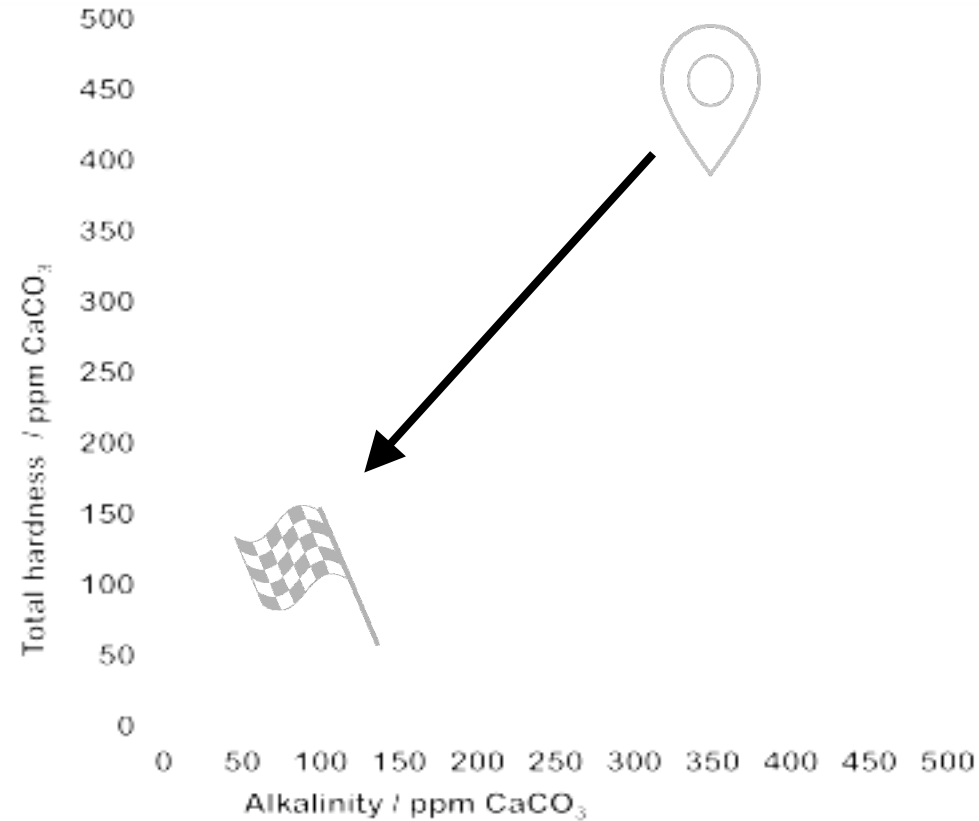
Drip & Immersion coffee



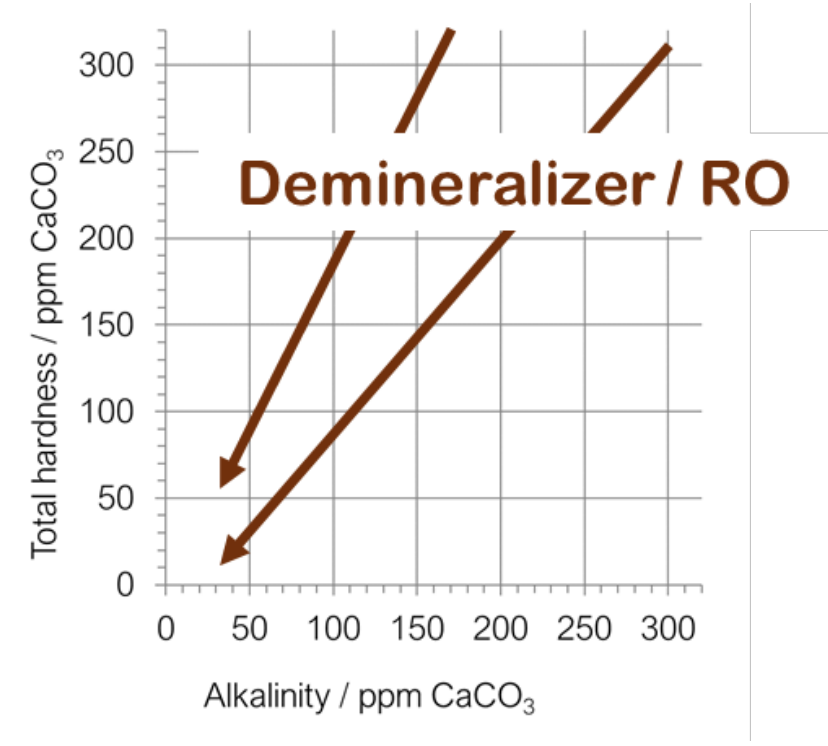
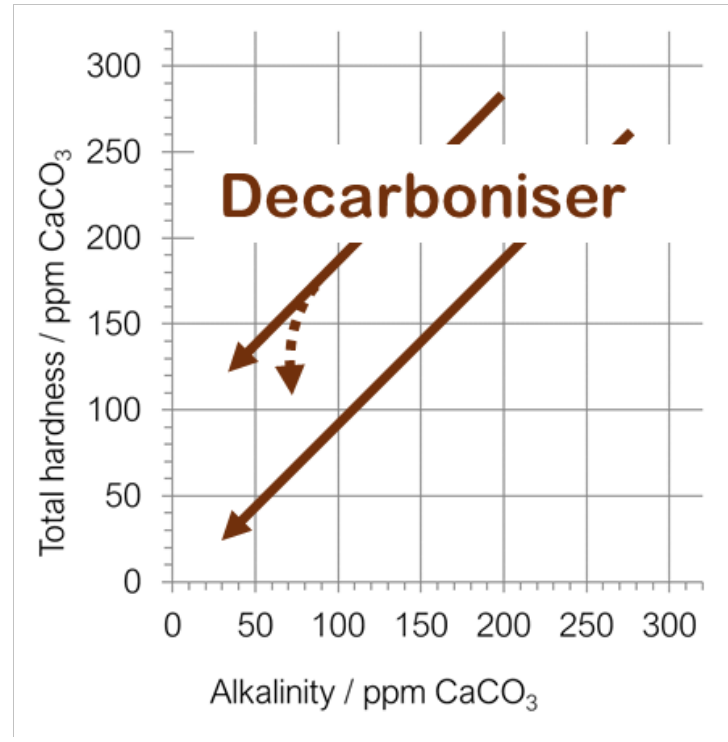
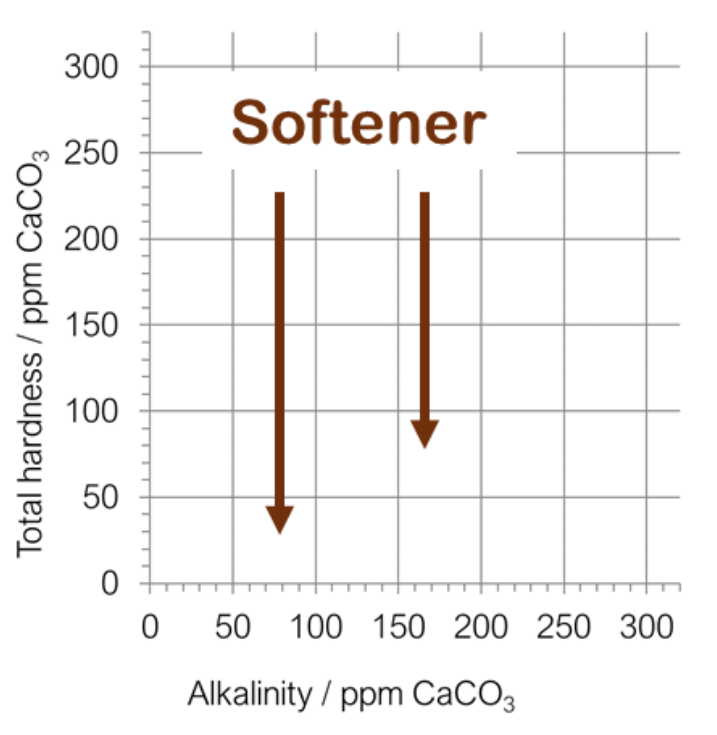
Treat



How to change water composition

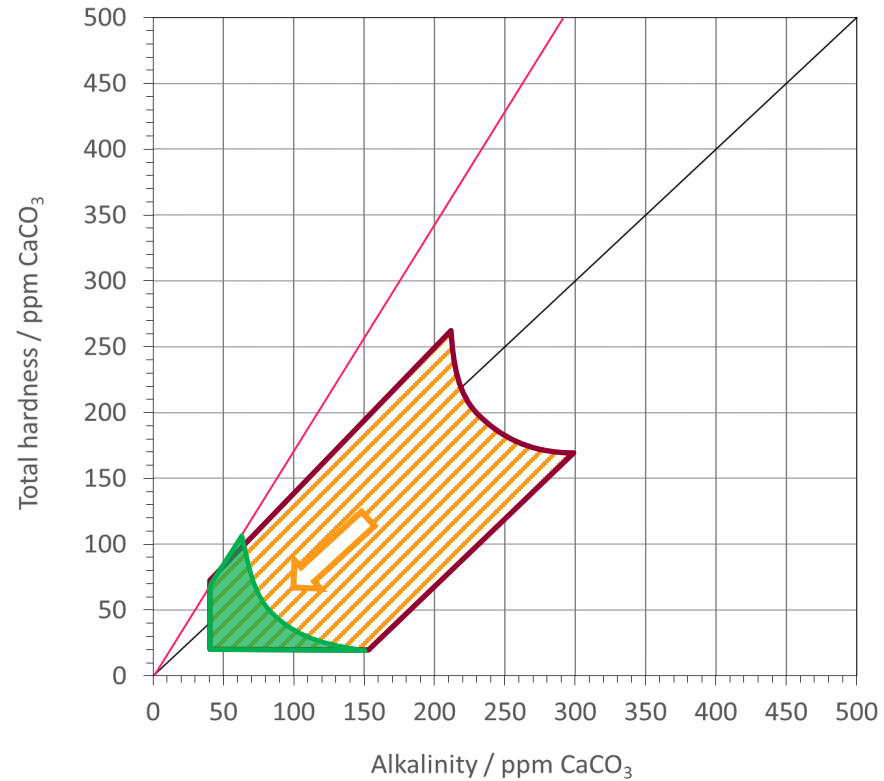


Reduction of total hardness or alkalinity

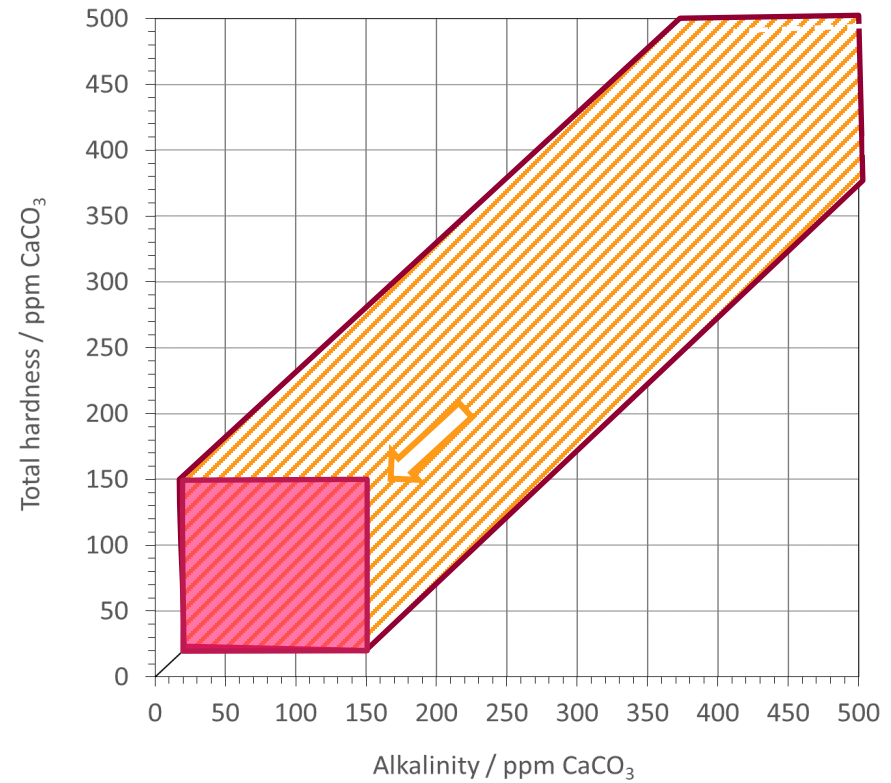


Decarboniser

Espresso coffee

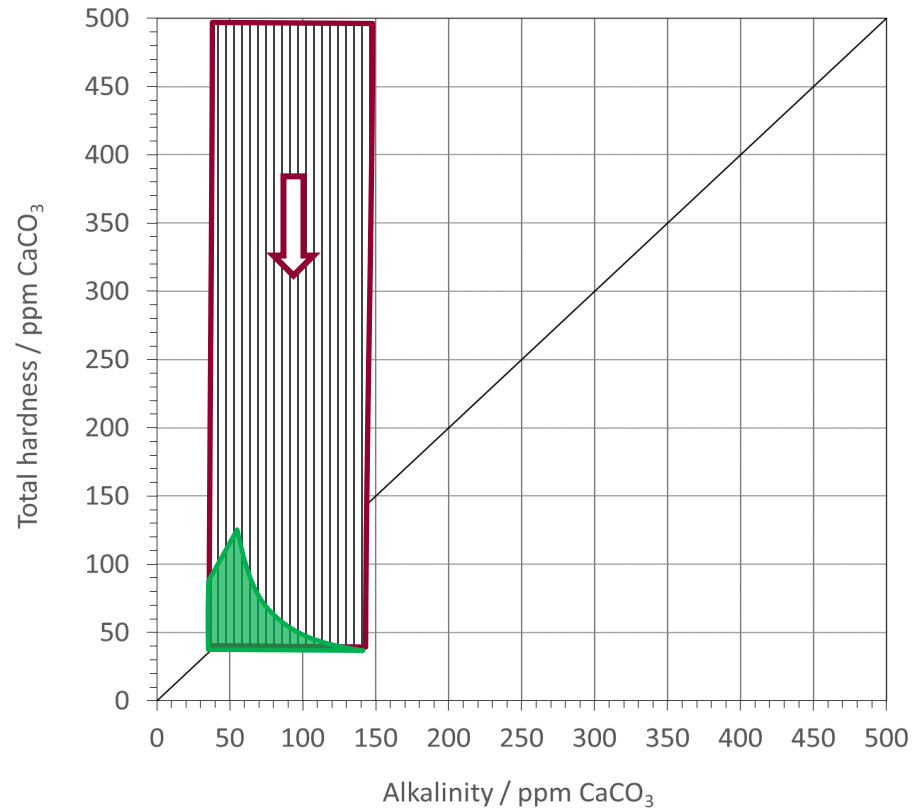


Drip & Immersion coffee

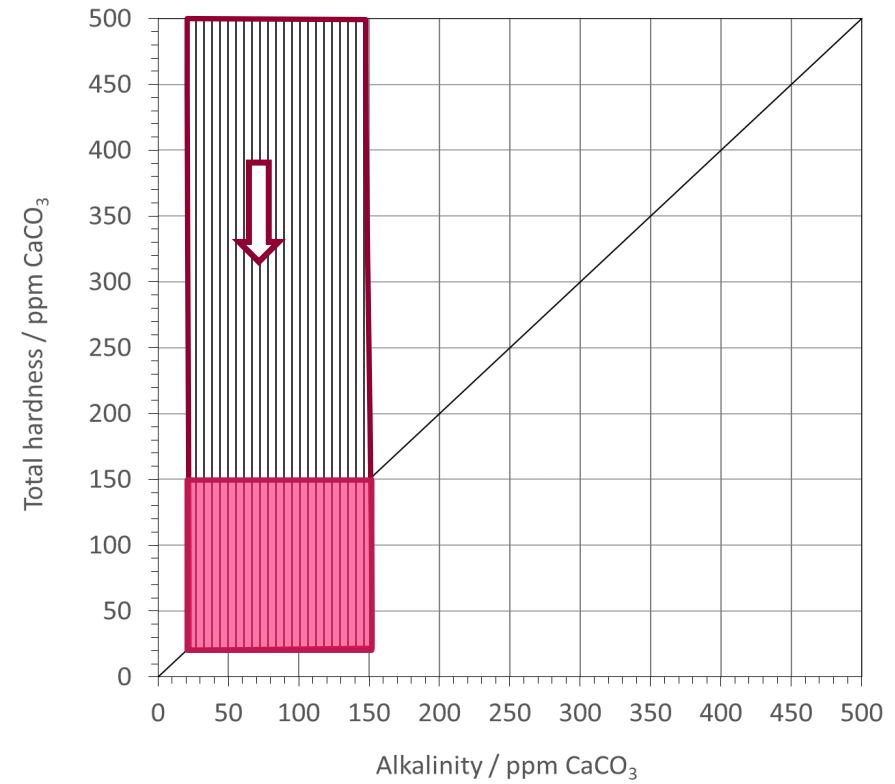


Softener

Espresso coffee

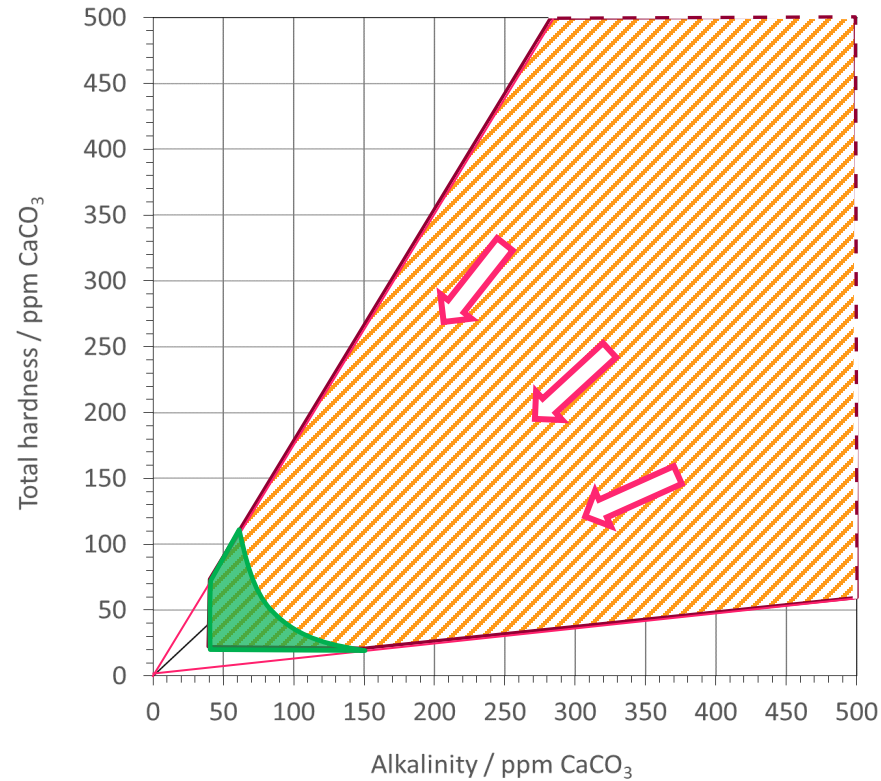


Drip & Immersion coffee

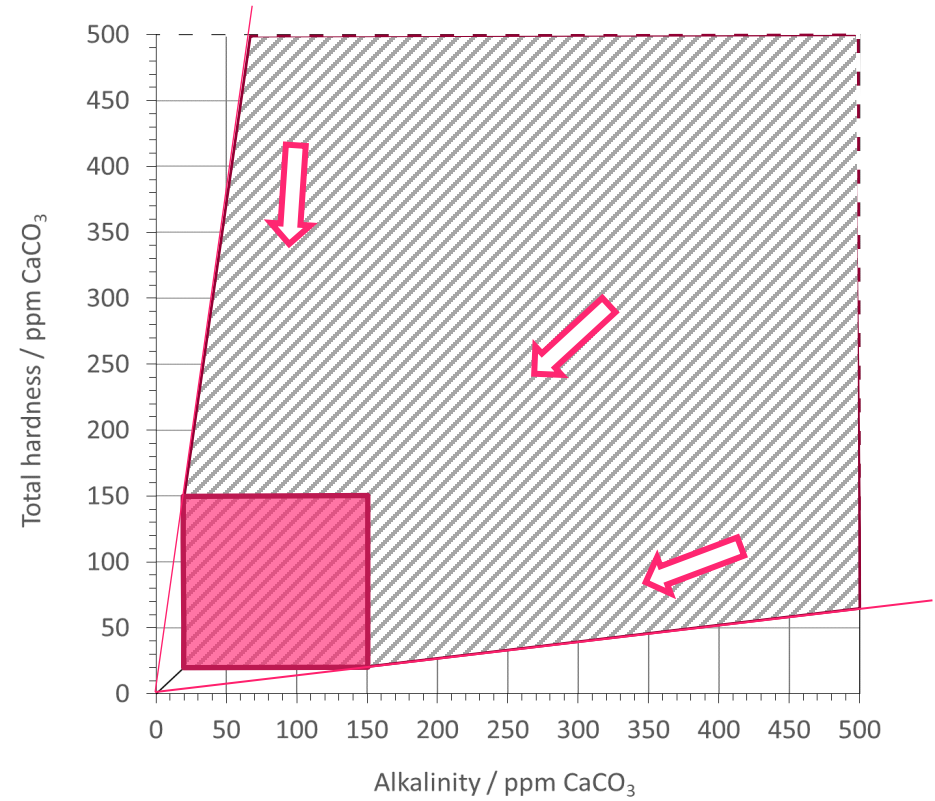


Reverse osmosis

Espresso coffee



Drip & Immersion coffee



Thank you! Questions?

Get in touch

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