



# Clean water by electricity — with the minerals left in.

ESIL uses low-voltage electrolysis to pull bacteria, heavy metals and disinfection by-products out of drinking water while leaving healthy minerals behind. Peer-reviewed, patented, 30+ years of third-party testing.

**97.9%**

Trihalomethanes removed  
at the tap

CHAPLEAU TRIAL

**99.8%**

Mercury removed (heavy-  
metal panel)

ICP LAB 1996

**100%**

Coliform bacteria  
eliminated

BAJA · NOM-127

**0**

Treatment chemicals added  
BY DESIGN

## How it works

- 1 Charge the water.** Low-voltage DC through an electrode cell — no moving parts.
- 2 Bind the bad.** Metals, organics and pathogens clump into a visible floc.
- 3 Filter it out.** Ordinary sediment and carbon filters capture the floc.
- 4 Polish.** A carbon block strips any chlorine or ozone made in the process.

## Why it's different

**The minerals stay.** Contaminants are negative and get pulled out; calcium, magnesium and potassium are positive and stay in the glass — the opposite of reverse osmosis, which strips everything and wastes water doing it.

Journal AWWA 2000

Patented worldwide

Chromium-6 → non-detect

No wasted water

## What it removes — four families, measured by independent labs

### ● Bacteria

|            |          |
|------------|----------|
| E. coli    | → BDL    |
| Coliforms  | → Absent |
| Salmonella | Absent   |
| Pythium    | Hi→Lo    |

### ● Heavy metals

|            |       |
|------------|-------|
| Mercury    | 99.8% |
| Lead       | 97.7% |
| Zinc       | 99.6% |
| Chromium-6 | → ND  |

### ● Organic

|                |         |
|----------------|---------|
| PCBs           | 99.99%  |
| Dioxins/furans | Cut     |
| Petroleum      | Removed |
| Tannins        | 88%     |

### ● By-products

|            |         |
|------------|---------|
| THMs       | 97.9%   |
| Chloroform | 97.6%   |
| Nitrites   | 94%     |
| HAAs       | Reduced |

## Verified in Baja — Todos Santos, May 2026

Lab ELI S.A. de C.V. · NOM-127-SSA1-2021

|                           |       |        |             |
|---------------------------|-------|--------|-------------|
| Total coliforms           | 8 NMP | Absent | <div></div> |
| Nitrites (mg/L)           | 1.07  | 0.06   | <div></div> |
| Total hardness & minerals | 153   | 153    | <div></div> |

## Acuario · agua limpia para México

AWWA (2000) · ESI reports (Neale, Webber) · SGS (2017) · ELI lab (2026). Not a medical claim.