

## Certificate of Quality Assurance for Vaponics Cartridges

### Product Identification

Model Number: **MROX-1, MROX-1B**

### Materials of Construction

Cartridge Housing: ABS  
Cartridge Endcaps: ABS, red top, blue bottom  
Screens: Dacron  
Media: Carbon; ion-exchange resins.

### Physical Characteristics:

Nominal length: 17"  
Nominal diameter: 3.5"  
Media layers: Organic removal, oxygen removal, mixed bed ion-exchange.

### Performance Capacity Characteristics:

TDS removal capacity: 500 grains as calcium carbonate.  
Oxygen removal capacity: 1.7 gram (25.3 grains ave.)

### Quality Assurance:

All cartridges are assigned a lot code to ensure the traceability of the data and materials used in the manufacturing process. They each display a date after which capacity may drop below 80%, and an expiration date.

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