Watergeneral Mfg Co.

The following specification shows the typical performance of our Reverse Osmosis Systems.

Performance

- This table is provided by membrane manufacturer, for reference only, actual rejection will depend heavily on the exact chemistry, temperature, pressure, and TDS content of the feed water.
- TFC (thin film composite) membrane performance at 70 psi, 77 deg. F, the pore size of the membrane is about 0.001 to 0.0001 micron, which is much smaller than the diameter of an average bacteria (0.7 micron)

Dissolved solids, ion	% rejected by membrane		Dissolved solid, ion	% rejected by membrane
Aluminum	96-98		Lead	95-98
Ammonium	96-98		Magnesium	93-98
Arsenic	93-97		Manganese	96-98
Bacteria	99+		Mercury	94-97
Bromide	90-95		Nickel	96-98
Cadmium	93-97		Nitrate	90-95
Calcium	93-98		Phosphate	95-98
Chloride	92-95		Potassium	92-96
Chromate	85-95		Silicate	92-95
Copper	96-98		Silver	93-96
Cyanide	85-95		Sodium	92-98
Fluoride	92-95		Sulfate	96-98
Hardness Ca & Mg	93-97		Thiosulfate	96-98
Iron	96-98		Zinc	96-98

- sediment is removed 100%
- chlorine is removed 100%