

# How Do I Address Chromium in My Drinking Water

- > The 3M™ Reverse Osmosis Drinking Water Filtration System is third-party certified by NSF for the reduction of Chromium\*



- The system installs under your sink and provides water through a dedicated faucet
- Residential water line pressure powers the system; no electricity is required

\* please reference the 3MRO401 pds sheet for a full list of claims

## About 3M

3M, a leader in technology, innovation and manufacturing excellence for more than 100 years, prides itself on the development of top-of-the-line products backed by competitive warranties. 3M Purification Inc. has more than 40 years of experience in water filtration and is dedicated to providing quality solutions for all your home's water needs.

3M Authorized Water Dealer

3M is a trademark of 3M Company.  
© 2012 3M Company. All rights reserved.  
70020294743 REV 0612

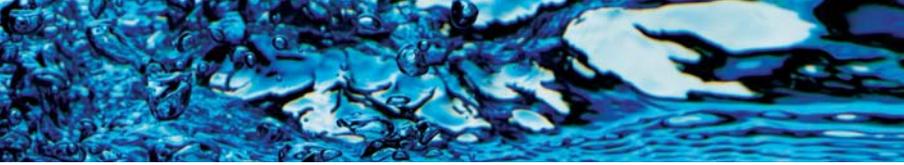
**3M**  
3M Purification Inc.  
400 Research Parkway  
Meriden, CT 06450, USA  
Tel (855) 3M-WATER  
(855) 369-2837  
[www.3MWater.com](http://www.3MWater.com)



# Why Filter Water?

# CHROMIUM

**3M**



## What is Chromium?\*

- > Chromium is a tasteless and odorless metallic element found naturally in rocks, plants, soil, and volcanic dust. Chromium exists in multiple forms; however, the most common forms of the element found in natural water are trivalent (chromium-3) and hexavalent (chromium-6). Chromium-3 is an essential human dietary element found in many foods such as fruits and vegetables. Read on to learn more about chromium-6 and its potential effects.

## Where Does Chromium Come From?\*

- > Some possible sources of chromium-6 include discharges from manufacturing process for chrome plating, dyes, and pigments. The leather tanning process and wood preservation as well as the erosion of natural chromium-3 deposits are other possible chromium-6 contributors.



## Why Should I Care about Chromium-6 in my Water?\*

- Chromium-6 is more toxic than other forms of chromium. The Environmental Protection Agency (EPA) set a maximum contaminant level for chromium-6 as 0.1 mg/L. According to the EPA, some people who use water containing chromium in excess of this level over many years could experience adverse health effects.

Chromium is often found in sediment near sources of water.



\* <http://water.epa.gov/drink/info/chromium/index.cfm>  
[http://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=221433](http://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=221433)