

## NECi Consumer Nitrate Test Kit (Catalog No. C-NTK-101)

The Nitrate Elimination Co., Inc. (NECi) Consumer Nitrate Test Kit (C-NTK) contains everything you need to do **one nitrate test**. A separate **Nitrate Standard** is provided to help you evaluate your results, and so that you know the kit is working.

**STORE REFRIGERATED OR IN A COOL PLACE (BELOW 65°F or 17°C)**

**DO NOT OPEN THE SEALED PACKETS UNTIL YOU'RE READY TO USE THE KIT**

For more information about Nitrate and our Nitrate Test Kits, please visit our NECi Web at **[www.nitrate.com](http://www.nitrate.com)**

Although our kits have been designed with safety in mind, please keep this and all other chemicals out of the reach of children.

**NECi: Biotechnology People Can Use!**

### Evaluating Your Results:

When you've finished with the test, the Nitrate Standard should have a clear pink color. We've set the Nitrate Standard at 5 ppm nitrate-N (see Table for help with nitrate units), which is half the US EPA safe limit for water. Clean water has nitrate levels between zero and 2 ppm nitrate-N. Water above 10 ppm nitrate-N is considered to be unsafe to drink, and harmful to the environment.

### GUIDELINES:

**Little visible color:**

**Nitrate is between 0 - 2 ppm. Safe, clean water.**

**Color is the same as or less than the Nitrate Standard:**

**Some nitrate contamination, but the water is still safe.**

**You might want to have the water tested professionally.**

**Color is darker than the Nitrate Standard:**

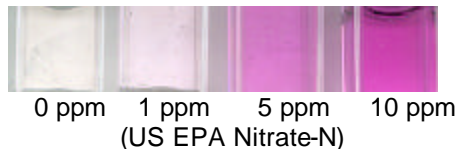
**The water is near the EPA limit for safe, clean water.**

**Have it tested at a certified lab. Do NOT feed to infants.**

Nitrate is measured and reported in different terms (units) depending on where you live. For example, 2 ppm **nitrate-N** in New York would be reported as 9 ppm **Nitrate** in California. This **Table** may help!

| US EPA Units     | Europe, California   | Chemical Units         |
|------------------|----------------------|------------------------|
| 2 ppm nitrate-N  | 9 - 10 ppm Nitrate   | 140 micromolar Nitrate |
| 10 ppm nitrate-N | 45 or 50 ppm Nitrate | 710 micromolar Nitrate |

Use the Color Chart to help evaluate your results.



These Kits were developed in part with funding from the Small Business Innovation Research Program of the US Department of Agriculture. NECi thanks the USDA and the SBIR Program for their support.

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**Questions? Problems? Call NECi 1-888-NITRATE or 1-906-296-1000 from outside the US**  
**Fax: 1-906-296-8003      email: [tech@nitrate.com](mailto:tech@nitrate.com)**