

## Enzyme Diluent for Nitrate Reductase

### Storage and Reconstitution of NaR

#### How to use the Enzyme Diluent Bulb:

Before taking the cap off of the NaR vial, tap the tube on a hard surface to settle any loose contents. Empty contents of Enzyme Diluent squeeze bulb into NaR vial. Re-cap and mix by inverting several times. Allow to stand at room temperature for at least 10 minutes, with mixing at 5 and 10 minutes. The reconstituted NaR can now be used as directed in NECi Nitrate Test Kit instructions.

#### Reconstituting NaR (Nitrate Reductase Enzyme)

NECi prepackaged Enzyme Diluent allows you to store NaR in a freezer for multiple usage. NaR reconstituted with the Enzyme Diluent can be frozen and thawed repeatedly, as the diluent helps to stabilize NaR. The dispensed volume of the Enzyme Diluent is 1 mL. Keep on ice for best stability.

#### Storage of Freeze-Dried and Reconstituted NaR:

*Shelf life guaranteed if stored as directed below*

	-80°C	-20°C	4°C	20°C – 25°C	Over 40°C
<b>Freeze-Dried</b>	3+ Years	2+ Years	1+ Year	6 Months	Up to 1 week
<b>*In Solution</b>	1+ Year	6+ Months	Up to 1 week	Not recommended	Not recommended

*\*Enzyme provided with enzyme diluent working solution, contains 25% glycerol*

#### Questions? Comments?

**Phone us:** 1-888-NITRATE (International 1.906.296.1130)

**Email:** tech@nitrate.com

**Website:** www.nitrate.com - *also has a list of FAQ*



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