

BIO-SUC-A1**Low Level Potato Sucrose Biosensors****PRODUCT DESCRIPTION**

This product is a one shot disposable biosensor. Designed to be used for electrochemical measurements of low level sucrose, in potatoes.

The system uses a combination of enzymes along with a unique mediator system.

Product Benefits

The product provides a simple and rapid approach to measuring low level sucrose, in potatoes. The measurement is carried out in conjunction with the Sun Chemical Potentiostat, which guides the user through each step of the process.

The system comes with a sample preparation manual, providing the user with the best results.

Each pot of sensors comes with a QR-Code, removing the need for calibration or inputting of data.

The software can be modified to display the data in the units desired by the user (modification of software carried out by Sun Chemical).

Full training will be carried out, to ensure the best results are obtained.

Concentration Ranges

The sensors have a range of 0.025mM to 0.600mM. Higher concentrations can be measured using a dilution step (software adjusts the end value according to the dilution factor).

Multiple Units

Each pot of contains 20 sensors, package with desiccant.

Please contact our Sales Representatives about samples, demonstrations, trial periods and minimum order quantities.

Storage and Shelf Life

The sensors are required to be stored at 4°C, in the original packaging. Each pot of electrodes has a shelf-life of 6 months, from despatch.

Usage

- 40 µl of test sample is require per test.
- **Requires to be used in conjunction** with the Low Level Glucose Biosensor (BIO-GLU-A1).
- Requires Sun Chemical Potentiostat and Tablet.
- Each test (from applying test solution to strip) has a measurement time of 3 - 4 minutes.



Issued by Gwent Group Month Year
Issue Number

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