

## Proficiency Testing Provider

### ABOUT THE PROGRAMS

Target Lab Systems Proficiency Test Program for Fertilizers provides participating laboratories with a statistical quality assurance (SQA) tool, enabling them to compare the performance of their test methods for fertilizers against other laboratories worldwide.

Samples, test instructions and data report forms are distributed to each participant on the date samples are distributed. Labs have approximately 2-4 weeks to submit their test data to Target Lab Systems for use in generating statistical summary reports.

TARGET LAB SYSTEMS handle all data on a strictly confidential basis with no disclosure of lab identity except for one's own laboratory. Final reports contain all laboratory test data (coded), statistical analysis of test data, charts plotting test results versus lab code, and other information.

### WHY SHOULD YOUR LABORATORY PARTICIPATE?

This program provides you with:

- The resources you need to satisfy proficiency testing elements of laboratory accreditation
- A useful quality control tool to monitor the strengths and weaknesses of laboratory performance
- Periodic comparison of test results and calculated statistical parameters with others in the fertilizers testing community in Egypt
- A useful quality reference sample upon completion of testing

### PROGRAM DETAILS

Program Code	Matrix	Analytes <sup>(1)</sup>	Schedule
FZ-R	Phosphorus fertilizer Nitrogen fertilizer	Total P <sub>2</sub> O <sub>5</sub> , Water soluble P <sub>2</sub> O <sub>5</sub> , Citrate soluble P <sub>2</sub> O <sub>5</sub> , Citrate insoluble P <sub>2</sub> O <sub>5</sub> , Moisture, Total nitrogen, Calcium, sulfur, sodium, potassium, Metals	June October
FZ-S	Sulfur fertilizer	Acidity, Ash, Chloride, Moisture, Organic matter, Purity	June <sup>(2)</sup>

<sup>(1)</sup> List of analytes subject to change

<sup>(2)</sup> Based on customer requests

<sup>(3)</sup> To know the matrices and parameters under accreditation, check the detailed scope of accreditation <https://www.targetls.net/proficiencytests/view/2>

<sup>(4)</sup> Annual fee included shipping cost

### PROGRAM REQUIREMENTS

Participation is on an annual fee basis and open to all laboratories. Registration fees must be paid in advance to participate. Testing must be performed within the participant's laboratory facilities. A laboratory does not need to perform all the program tests to participate.