

## LQSi NON-FERROUS PROFICIENCY TESTING

### LQSi NON-FERROUS CONCENTRATES FOR COPPER, LEAD AND ZINC

Laboratory Quality Services International (LQSi) programs provide a quality-monitoring tool for SGS's global network of analytical laboratories as well as for numerous other industry laboratories. The LQSi non-ferrous proficiency test programs (PTPs) are offered monthly and bi-monthly. Let our LQSi experts customize a quality control program for you.

### MONITOR AND CONTROL LABORATORY PROCESSES

LQSi offers specialized proficiency test programs (PTPs) that:

- Support the technical validity of laboratory results
- Protect your interest in trade transactions
- Monitor and control sources of variation
- Verify analyst proficiency
- Determine method validation and for an instrument's fitness-for-use
- Use as laboratory quality control materials
- Support ISO ISO/IEC

#### LQSi CU PTP (COPPER CONCENTRATE) [- 200 MESH (-75 M)] TESTING OCCURS MONTHLY. THE FOLLOWING PARAMETERS ARE MEASURED:

- Copper, Cu (Dry)
- Arsenic, As (Dry)
- Iron, Fe (Dry)
- Silver, Ag (Dry)
- Sulfur, S (Dry)
- Silica, SiO<sub>2</sub> (Dry)
- Lead, Pb (Dry)
- Gold, Au (Dry)
- Zinc, Zn (Dry)
- Selenium, Se (Dry)
- Cadmium, Cd (Dry)
- Fluorine, F (Dry)

#### LQSi PB PTP (LEAD CONCENTRATE) [- 200 MESH (-75 M)] TESTING OCCURS BI-MONTHLY. THE FOLLOWING PARAMETERS ARE MEASURED:

- Lead, Pb (Dry)
- Arsenic, As (Dry)
- Iron, Fe (Dry)
- Bismuth, Bi (Dry)
- Zinc, Zn (Dry)
- Calcium Oxide, CaO (Dry)
- Copper, Cu (Dry)
- Silver, Ag (Dry)
- Antimony, Sb (Dry)
- Tin, Sn (Dry)
- Cadmium, Cd (Dry)



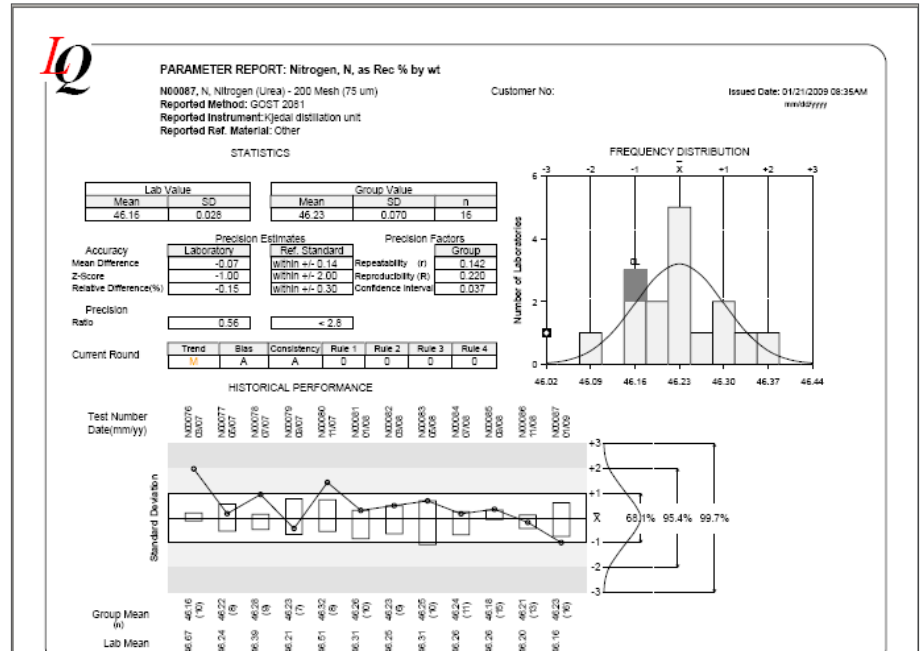
#### LQSi ZN PTP (ZINC CONCENTRATE) [- 200 MESH (-75 M)] TESTING OCCURS BI-MONTHLY. THE FOLLOWING PARAMETERS ARE MEASURED:

- Zinc, Zn (Dry)
- Cadmium, Cd (Dry)
- Lead, Pb (Dry)
- Silver, Ag (Dry)
- Copper, Cu (Dry)
- Silica, SiO<sub>2</sub> (Dry)
- Iron, Fe (Dry)
- Gold, Au (Dry)
- Sulfur, S (Dry)
- Selenium, Se (Dry)



## EASY-TO-READ AND EASY-TO-UNDERSTAND REPORTS

- LQSi PTP reports focus on the current-round performance and the historical performance over the last twelve rounds, providing tabular and graphical summaries and presentations of laboratory performance.
- Single-page, specialized management reports allow managers with responsibility for multiple laboratories to obtain a quick view of all of their laboratories' performance at a single glance.
- Detailed parameter reports provide performance measures, repeatability and reproducibility, distributions, and runs chart.



## CONTACT INFORMATION

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