

LQSi PT PROGRAM: BIOFUELS

Laboratory Quality Services International (LQSi) programs provide a quality-monitoring tool for SGS' global network of analytical laboratories as well as for numerous other industry laboratories.

The LQSi biomass fuels proficiency test program (PTP) is offered quarterly. 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 interests in trade transactions
- Monitor and control sources of variation
- Verify analyst proficiency
- Validate methods and determine an instrument's fitness-for-use
- Supplement laboratory quality control materials
- Supplement calibration verification materials
- Support ISO/IEC 17025 accreditation and ISO 9001 activities
- Support CO₂ emission factor requirements
- Benchmark within an organization
- Benchmark within a country or a geographical region or globally
- Benchmark against other methods or instruments
- Benchmark against a industry group / among industry groups
- Gain confidence in industrial (combustion, conversion, coking, and blending) processes

LQSi BF PTP (Biomass Fuels) [- 20 Mesh (-850µm)] samples are tested quarterly for various parameters, including the following (all on the dry basis, unless otherwise noted):

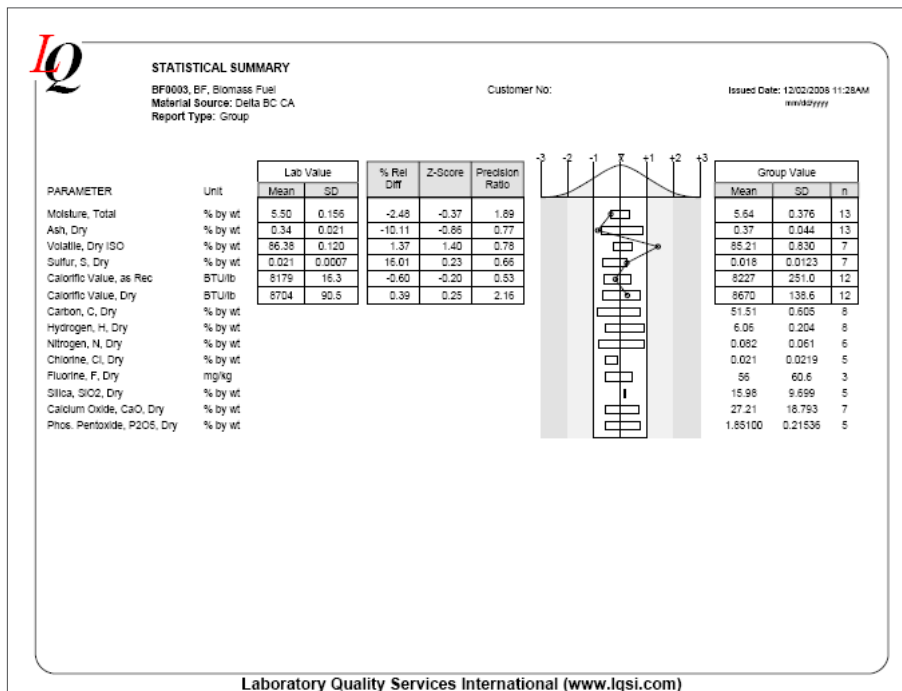
- Moisture (Total)
- Ash
- Volatile, ISO
- Sulfur
- Calorific Value (As Received)
- Calorific Value
- Carbon
- Hydrogen
- Nitrogen
- Chlorine
- Fluorine
- Silica, SiO₂
- Calcium Oxide
- Phosphorous Pentoxide
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Cobalt
- Copper
- Mercury
- Lead
- Lithium
- Molybdenum
- Nickel
- Selenium
- Tin
- Vanadium
- Zinc
- Manganese
- Titanium
- Tellurium
- Thallium



Biomass Feedstock Sample

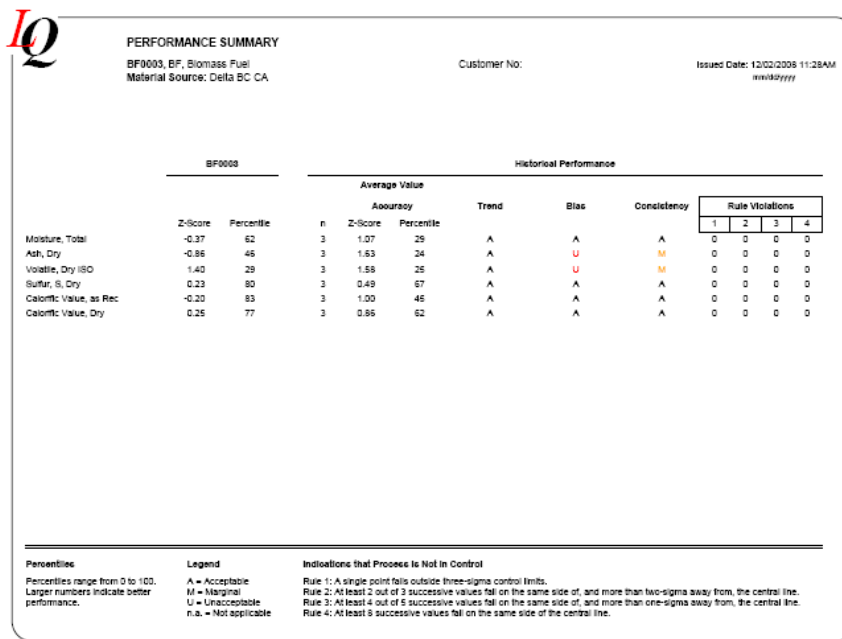
EASY-TO-READ AND EASY-TO-UNDERSTAND REPORTS

- 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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