



QEC Custom Bar Codes

Complete Container Traceability



An important part of maintaining and protecting sample integrity is the ability to track the sample container throughout the process of sample collecting, transit to the lab, analysis, and reporting.

A verifiable chain of custody aids in defensibility of results. Moreover, each container having its own "fingerprint" helps identify or eliminate the possibility of container anomalies should issues arise.

QEC Custom Bar Codes will interface seamlessly with your lab's tracking protocols and/or LIMS program, for complete traceability and absolute accountability. QEC can create bar codes for any of our containers, including Custom-Preserved™.

Custom Bar Codes are printed to order on a variety of high quality label stocks. Water-proof inks and permanent adhesives assure long-lived reliability. Available for containers at all preparation levels.

QEC produces three styles of bar codes, any of which can be customized to integrate with your laboratory's particular procedures and protocols.

Basic Bar Code



Basic Bar Code:

Provides the essential elements necessary to give the container its one-of-a-kind "fingerprint".

- **Lot Number:** Available on all products at all levels. Incorporates date of production
- **Container Number:** Unique to the individual container. Correlates to lot number.

Annotated Bar Code



Annotated Bar Code:

Most frequently used on Level 3 and Custom-Preserved™ containers, these contain all the information necessary to track the container and preservative from production at QEC through the completion of sample analysis. The bar code in the example shown contains the combined preserving date and container ID number.

The rest of the information is in human-readable form that can be keyboarded directly into your LIMS system. If your software permits, QEC can even enter the label information into your LIMS for you.

- **QEC Product Number:** Expresses cleaning level, material, clear/amber, type and volume of container
- **Container Lot Number:** Available on all products at all levels. Incorporates date of production
- **Preserving Code:** Expresses chemical compound, concentration, and amount
- **Preservative Lot Number:** Identifying the batch of the chemical compound used in this container
- **Combined Preserving Date and Container Number:** Date of preserving and unique container ID number. Correlates to the Lot number.

Multi-Line Bar Code



Multi-Line Bar Code:

Typically used for Level 3 and Custom-Preserved™ containers. The multi-line format contains all of the information to identify and track the preservative and container in several bar codes. These can be scanned directly into your LIMS, eliminating the need for manual data entry.

- **QEC Product Number:** Expresses cleaning level, material, clear/amber, type and volume of container
- **Container Lot Number:** Available on all products at all levels. Incorporates date of production
- **Preserving Code:** Expresses chemical compound, concentration, and amount
- **Preservative Lot Number:** Identifying the batch of the chemical compound used in this container
- **Container Number:** Unique to the individual container. Correlates to lot number.
- **Date:** Date the container was preserved at QEC.

In addition to those components shown, QEC can incorporate unique identifiers into a custom bar code for you, such as sampling site or laboratory department.

For complete information on how custom bar-coding protects your sample integrity, please contact your QEC representative or our **customer service team**.

Protecting your sample integrity™... Every container... Every time.

