

# NSQAP QC Program Information Collection

Form Approved  
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## Step 1 – Select QC Program

The screenshot shows the 'QC Programs' page on the NSQAP website. The header includes the CDC logo, navigation links (Home, Lab Information, PT, QC, UDOT, Help), and the user name 'John Bernstein'. The breadcrumb trail is 'Home > QC Programs'. The main heading is 'QC Programs'. Below the heading, there is a message: 'If the following message is displayed "You don't have permissions to view these records," it means you are probably not signed in. Note there is a second phase to your registration. If the following message is displayed "There are no records to display," this means that the event is not ready for entry.' Below this message is a table of QC Programs.

| Program Name ↑   | Created On       |
|--|------------------|
| 17 $\alpha$ -Hydroxyprogesterone + Total Galactose (17OHPQC and TGalQC)                  | 8/6/2020 9:20 AM |
| Galactose-1-phosphate Uridyltransferase (GALTQC)   | 8/6/2020 9:20 AM |
| Immunoreactive Trypsinogen (IRTQC)   | 8/6/2020 9:20 AM |
| Lysosomal Storage Disorders (LSDQC)  | 8/6/2020 9:20 AM |
| Second-tier Congenital Adrenal Hyperplasia by LC-MS/MS (CAHQC)                           | 8/6/2020 9:20 AM |
| Second-tier Maple Syrup Urine Disease and Phenylketonuria by LC-MS/MS (MSUD-PKUQC)       | 8/6/2020 9:20 AM |
| Second-tier Methylmalonic /Propionic Acidemia and Homocystinuria by LC-MS/MS (MMA-HCYQC) | 8/6/2020 9:20 AM |
| Tandem MS 1 (MSMS1QC)  | 8/6/2020 9:20 AM |
| Thyroid-Stimulating Hormone (TSHQC)  | 8/6/2020 9:20 AM |
| Thyroxine (T4QC)   | 8/6/2020 9:20 AM |

## Step 2 – Select Analyte

The screenshot shows the 'Analytes List - (DATA ENTRY)' page on the NSQAP website. The header includes the CDC logo, navigation links (Home, Lab Information, PT, QC, UDOT, Help), and the user name 'John Bernstein'. The breadcrumb trail is 'Home > Analytes List - (DATA ENTRY)'. The main heading is 'Analytes List - (DATA ENTRY)'. Below the heading, there is a 'Program Name:' field with the value 'Tandem MS 1 (MSMS1QC)'. Below this is a table of analytes.

| Abbreviation ↑ | Name   |
|----------------|--|
| ALA            | Alanine (ALA) <input type="button" value="v"/>             |
| ARG            | Arginine (ARG) <input type="button" value="v"/>            |
| C0             | Free Carnitine (C0) <input type="button" value="v"/>       |
| C10            | Decanoylcarnitine (C10) <input type="button" value="v"/>   |
| C12            | Dodecanoylcarnitine (C12) <input type="button" value="v"/> |
| C14            | Myristoylcarnitine (C14) <input type="button" value="v"/>  |

CDC estimates the average public reporting burden for this collection of information as 45 minutes per response, including the time for reviewing instructions, searching existing data/information sources, gathering and maintaining the data/information needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB Control Number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-xxxx).

### Step 3 – Select method used (searchable list)

The screenshot shows the 'QC Data Entry' interface. At the top, there is a navigation bar with the CDC logo and user information. Below the header, the page title 'QC Data Entry' is displayed. A 'View Summary' link is visible. The 'General' section contains the 'Analyte Name' field, which is populated with 'Alanine (ALA)'. Below this is the 'Method \*' field, which is currently empty and has a search icon to its right. A 'SAVE METHOD' button is located to the right of the 'Method \*' field. Below the 'General' section is the 'Runs' section, which includes a 'Download Summary' button and a table of runs.

| RUNS | Analyte       | Lot_A | Replicate_1A | Replicate_2A | Lot_B | Replicate_1B | Replicate_2B | Lot_C | Replicate_1C | Replicate_2C | Lot_D | Replicate_1D |
|------|---------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|
| 1    | Alanine (ALA) | A1915 |              |              | B1915 |              |              | C1915 |              |              | D1915 |              |
| 2    | Alanine (ALA) | A1915 |              |              | B1915 |              |              | C1915 |              |              | D1915 |              |
| 3    | Alanine (ALA) | A1915 |              |              | B1915 |              |              | C1915 |              |              | D1915 |              |
| 4    | Alanine (ALA) | A1915 |              |              | B1915 |              |              | C1915 |              |              | D1915 |              |
| 5    | Alanine (ALA) | A1915 |              |              | B1915 |              |              | C1915 |              |              | D1915 |              |

### Step 4 – Analytic result data entry. Select a run number and enter results

The screenshot shows the 'View details' modal for run 1. The modal title is 'Analyte: Alanine (ALA)'. Below the title, the run number '1' is displayed. A 'SAVE RUN DATA' button is located to the right of the run number. Below this, the text 'Report data in µmol/L blood' is shown. A message states 'Data cannot not be saved until all replicates have been completed'. The 'Values' section contains input fields for replicates. For Lot A (A1915), there are fields for 'Replicate 1A \*' and 'Replicate 2A \*', each with a '<LOD' checkbox. For Lot B (B1915), there are fields for 'Replicate 1B \*' and 'Replicate 2B \*', each with a '<LOD' checkbox. The background shows the 'Runs' table from the previous screenshot.