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# IC calculator

NU-IC-CALC-1.2

*This form is created to help with assessment of the QC data during analysis. With the exception of the calibrant recoveries, the results of the calculations on this form are not used for reporting. The official QC assessment is perfomed in LIMS QC Manager.*

| TYPE 1: Sample in duplicate | | Recoveries: 90-110% | | RPD < 20% | |
|---|---|---|---|---|---|
| Chloride | | Sulfate | | Bromide | |
| | conc., mg Cl/L QC res. | | conc., mg so4/L QC res. | | conc., mg Br/L QC res. |
| LFB | **0** | LFB | **0** | LFB | **0** |
| Sample A1 | | Sample A1 | | Sample A1 | |
| Sample A2 | | Sample A2 | | Sample A2 | |
| Spike A | **#DIV/0!** | Spike A | **#DIV/0!** | Spike A | **#DIV/0!** |
| Average | **#DIV/0!** | Average | **#DIV/0!** | Average | **#DIV/0!** |
| RPD | **#DIV/0!** | RPD | **#DIV/0!** | RPD | **#DIV/0!** |
| Sample B | | Sample B | | Sample B | |
| Spike B | **0** | Spike B | **0** | Spike B | **0** |

| TYPE 2: Duplicate Spike | | Recoveries: 90-110% | | RPD < 20% | |
|---|---|---|---|---|---|
| Chloride | | Sulfate | | Bromide | |
| | conc., mg Cl/L QC res. | | conc., mg so4/L QC res. | | conc., mg Br/L QC res. |
| LFB | **0** | LFB | **0** | LFB | **0** |
| Sample A | | Sample A | | Sample A | |
| Spike A | **0** | Spike A | **0** | Spike A | **0** |
| Spike B | **0** | Spike B | **0** | Spike B | **0** |
| RPD | **#DIV/0!** | RPD | **#DIV/0!** | RPD | **#DIV/0!** |
| Sample B | | Sample B | | Sample B | |
| Spike B | **0** | Spike B | **0** | Spike B | **0** |

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| CALIBRANT RECOVERIES | | | | | |
|---|---|---|---|---|---|
| Chloride | | Sulfate | | Bromide | |
| conc., mg Cl/L | % rec. | conc., mg so4/L | % rec. | conc., mg Br/L | % rec. |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |
| 0.0 | | 0.0 | | 0.0 | |