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<th>Value</th>
<th>Units</th>
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<th>Divisor</th>
<th>Degrees Freedom (n-1)</th>
<th>Standard Uncertainty Component</th>
<th>Contribution</th>
<th>%</th>
<th>Combined Standard Uncertainty</th>
<th>Expanded Unc (k=2)</th>
<th>Expanded Unc (k=3)</th>
<th>Reported Uncertainty:</th>
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**Measurement Uncertainty Estimation Form**

**Measurement:** Blood Alcohol (Ante-Mortem)

**Range of measurement values:**

**Procedure name and revision:** BA MU v.2

**Estimation prepared by:** Azell Carter

**Date Prepared:** 5/5/14

**The basis for the data above:**

1. Cerilliant 0.08 g/100ml
   - Quality check standard
   - Derived from historic data (2011-2013)

2. Cerilliant CRM: Ethanol-100
   - Selected CRM with highest MU
   - Lot #FN11171-01

3. Pipette MU - 203484A (200)
   - Pipette with the highest MU used to dispense sample, calibrators, standards, controls and internal standard

4. Agreement of the four analytically obtained values from columns A & B to the calculated mean value

**Revision:**

BA MU v.1 The uncertainty of measurement was changed from 9.522 to 9.492. This change occurred because the value of the pipette uncertainty of measure changed from 0.8 to 0.46.

**NOTE:** Regardless of the number of digits that are showing in a cell, Excel carries the maximum number of significant figures in the background and will use the entire number for further calculations.