Table of assigned values

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample</th>
<th>Unit</th>
<th>Assigned value ±</th>
<th>U (k=2)</th>
<th>Criteria</th>
<th>Criteria [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium (as NH4)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,0854 ± 0,00237</td>
<td>0,0137</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>0,0891 ± 0,00373</td>
<td>0,0143</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Boron</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,0212 ± 0,000599</td>
<td>0,00212</td>
<td>10</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>0,0155 ± 0,000684</td>
<td>0,00155</td>
<td>10</td>
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</tr>
<tr>
<td>Calcium</td>
<td>N145 A</td>
<td>mg/l</td>
<td>61 ± 0,622</td>
<td>2,15</td>
<td>3,5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>63,5 ± 0,611</td>
<td>2,09</td>
<td>3,3</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td>N145 A</td>
<td>mg/l</td>
<td>21,7 ± 0,152</td>
<td>0,825</td>
<td>3,8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>28,2 ± 0,219</td>
<td>1,07</td>
<td>3,8</td>
<td></td>
</tr>
<tr>
<td>DOC (as C)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,58 ± 0,0472</td>
<td>0,133</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>2,18 ± 0,0583</td>
<td>0,21</td>
<td>9,6</td>
<td></td>
</tr>
<tr>
<td>El. conductivity (25°C)</td>
<td>N145 A</td>
<td>µS/cm</td>
<td>481 ± 1,57</td>
<td>6,25</td>
<td>1,3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>µS/cm</td>
<td>498 ± 1,43</td>
<td>6,48</td>
<td>1,3</td>
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</tr>
<tr>
<td>Total-P (as PO4)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,649 ± 0,0119</td>
<td>0,0577</td>
<td>8,9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>0,137 ± 0,00336</td>
<td>0,0122</td>
<td>8,9</td>
<td></td>
</tr>
<tr>
<td>Total hardness</td>
<td>N145 A</td>
<td>mmol/l</td>
<td>2,29 ± 0,0172</td>
<td>0,0618</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mmol/l</td>
<td>2,2 ± 0,0157</td>
<td>0,0595</td>
<td>2,7</td>
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</tr>
<tr>
<td>Total nitrogen</td>
<td>N145 A</td>
<td>mg/l</td>
<td>7,48 ± 0,238</td>
<td>0,628</td>
<td>8,4</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>3,04 ± 0,0951</td>
<td>0,252</td>
<td>8,3</td>
<td></td>
</tr>
<tr>
<td>Hydrogen carbonate</td>
<td>N145 A</td>
<td>mg/l</td>
<td>157 ± 1,09</td>
<td>3,36</td>
<td>2,1</td>
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<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>217 ± 1,49</td>
<td>4,7</td>
<td>2,2</td>
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<tr>
<td>Potassium</td>
<td>N145 A</td>
<td>mg/l</td>
<td>1,18 ± 0,028</td>
<td>0,094</td>
<td>8</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>2,43 ± 0,0361</td>
<td>0,121</td>
<td>5</td>
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</tr>
<tr>
<td>Magnesium</td>
<td>N145 A</td>
<td>mg/l</td>
<td>18,2 ± 0,188</td>
<td>0,651</td>
<td>3,6</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>14,6 ± 0,152</td>
<td>0,523</td>
<td>3,6</td>
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</tr>
<tr>
<td>Sodium</td>
<td>N145 A</td>
<td>mg/l</td>
<td>6,75 ± 0,0891</td>
<td>0,292</td>
<td>4,3</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>17,4 ± 0,211</td>
<td>0,715</td>
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<tr>
<td>Nitrate (as NO3)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>32,2 ± 0,249</td>
<td>1,58</td>
<td>4,9</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>12,5 ± 0,117</td>
<td>0,611</td>
<td>4,9</td>
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<tr>
<td>Nitrite (as NO2)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,188 ± 0,00184</td>
<td>0,00998</td>
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<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>0,0631 ± 0,00126</td>
<td>0,00423</td>
<td>6,7</td>
<td></td>
</tr>
<tr>
<td>Orthophosphate (as PO4)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>0,178 ± 0,00355</td>
<td>0,0162</td>
<td>9,1</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>0,122 ± 0,00333</td>
<td>0,0111</td>
<td>9,1</td>
<td></td>
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<tr>
<td>pH-Wert</td>
<td>N145 A</td>
<td>-</td>
<td>7,85 ± 0,0288</td>
<td>0,126</td>
<td>1,6</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>-</td>
<td>8,13 ± 0,0204</td>
<td>0,13</td>
<td>1,6</td>
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<tr>
<td>Sulfate (as SO4)</td>
<td>N145 A</td>
<td>mg/l</td>
<td>57,1 ± 0,539</td>
<td>1,89</td>
<td>3,3</td>
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</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mg/l</td>
<td>30,8 ± 0,261</td>
<td>1,02</td>
<td>3,3</td>
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</tr>
<tr>
<td>Alkalinity Ks 4,3</td>
<td>N145 A</td>
<td>mmol/l</td>
<td>2,6 ± 0,0146</td>
<td>0,0525</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N145 B</td>
<td>mmol/l</td>
<td>3,57 ± 0,0201</td>
<td>0,0725</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Legend:
- Assigned value: Target value for proficiency assessment of the participants (3 significant digits)
- U (k=2): Expanded uncertainty (k=2) of the assigned value (3 significant digits)
- Criteria: Specified value for the determination of the z-score in the given unit (3 significant digits)
- Criteria [%]: Specified value for the determination of the z-score in % of the assigned value (3 significant digits)