

412 - Potable Water Indicator combination

| Analyte | Analyst | Method | Result | Units | Log ₁₀ | Z Score | Assigned Value | Ux AV | SDPA | Exp.SDPA | Number of results | Median | Mean | Robust SD | SD | Your Reference |
|-----------------------------------|------------|-----------------------|--------|-----------|-------------------|---------|----------------|-------|------|----------|-------------------|--------|------|-----------|------|-----------------------|
| Total aerobic count @ 22°C | Lab Result | PCA PP 22 | 104 | cfu/ml | 2.02 | 0.24 | 86 | 0.01 | 0.35 | N/A | 194 | 1.93 | 1.88 | 0.08 | 0.28 | PCA PP 22 |
| Total aerobic count @ 37°C | Lab Result | PCA PP 37 | 96 | cfu/ml | 1.98 | 0.15 | 85 | 0.01 | 0.35 | N/A | 211 | 1.93 | 1.86 | 0.09 | 0.31 | PCA PP 37 |
| Escherichia coli | Lab Result | MEMF TTC + Tergitol 7 | 193 | cfu/100ml | 2.29 | 0.16 | 170 | 0.01 | 0.35 | N/A | 231 | 2.23 | 2.19 | 0.11 | 0.19 | MEMF TTC + Tergitol 7 |
| Coliforms | Lab Result | MEMF TTC + Tergitol 7 | 193 | cfu/100ml | 2.29 | 0.15 | 171 | 0.01 | 0.35 | N/A | 235 | 2.23 | 2.20 | 0.11 | 0.20 | MEMF TTC + Tergitol 7 |
| Enterococci (faecal streptococci) | Lab Result | MEMF SB 37 | 104 | cfu/100ml | 2.02 | 0.05 | 100 | 0.01 | 0.35 | N/A | 169 | 2.00 | 1.97 | 0.09 | 0.18 | MEMF SB 37 |

Scheme: Pharmaceutical (PHARMASSURE)**Round: 68****1A - Basic Testing pH**

| Analyte | Analyst | Method | Result | Ux | Units | z score (** z' score) | Assigned Value | Ux AV | SDPA | Exp.SDPA | No of results | Median | Mean | Robust SD | SD |
|---------|------------|---------|--------|----|-------|-----------------------|----------------|-------|-------|----------|---------------|--------|------|-----------|-------|
| pH | Lab Result | USP 791 | 6.97 | | | -0.80 | 7.01 | 0.01 | 0.050 | N/A | 16 | 7.01 | 7.02 | 0.030 | 0.053 |

** Please note, participant performance for this analyte has been assessed using a z' score, rather than a z score, in order to account for the measurement uncertainty of the assigned value which is not negligible when compared to the SDPA.

D1 - White wine/fortified wine

| Analyte | Analyst | Method | Result | Units | Z Score | Assigned Value | Ux AV | SDPA | Exp.SDPA | Number of results | Median | Mean | Robust SD | SD | Your Reference |
|----------------------|------------|-----------|--------|------------------------|---------|----------------|-------|------|----------|-------------------|--------|-------|-----------|--------|----------------|
| Glucose | Lab Result | HPLC | 1.43 | g/L | 0.00* | 1.43 | 0.10 | 0.21 | 0.23 | 7 | 1.43 | 1.46 | 0.208 | 0.122 | HPLC |
| Fructose | Lab Result | HPLC | 2.06 | g/L | 0.61* | 1.97 | 0.06 | 0.13 | 0.15 | 7 | 1.97 | 1.97 | 0.133 | 0.154 | HPLC |
| Ascorbic Acid | Lab Result | HPLC | 40.59 | mg/L | | N/A | 0.00 | N/A | N/A | 2 | N/A | N/A | N/A | N/A | HPLC |
| Citric Acid | Lab Result | HPLC | 208.00 | mg/L | | N/A | 0.00 | N/A | N/A | 3 | N/A | N/A | N/A | N/A | HPLC |
| Sorbic Acid | Lab Result | HPLC | <0.05 | mg/L | | N/A | 0.00 | N/A | N/A | 7 | N/A | N/A | N/A | N/A | HPLC |
| Lactic Acid | Lab Result | HPLC | 0.27 | g/L | | N/A | 0.00 | N/A | N/A | 2 | N/A | N/A | N/A | N/A | HPLC |
| Malic Acid | Lab Result | HPLC | 1.10 | g/L | | N/A | 0.00 | N/A | N/A | 5 | N/A | N/A | N/A | N/A | HPLC |
| Volatile Acidity | Lab Result | Titration | 0.48 | g/L (as Acetic Acid) | 0.95* | 0.41 | 0.02 | 0.07 | 0.07 | 15 | 0.41 | 0.39 | 0.074 | 0.133 | Titration |
| Total Acidity | Lab Result | Titration | 5.70 | g/L (as Tartaric Acid) | 0.03 | 5.69 | 0.07 | 0.3 | N/A | 16 | 5.69 | 5.74 | 0.222 | 0.349 | Titration |
| Total Sulfur Dioxide | Lab Result | Iodometry | 110.95 | mg/L | 0.88 | 98.00 | 3.60 | 14.7 | N/A | 17 | 98.00 | 96.45 | 11.864 | 23.991 | Iodometry |
| Free Sulfur Dioxide | Lab Result | Iodometry | 22.45 | mg/L | 2.10* | 14.25 | 1.60 | 3.56 | 3.91 | 16 | 14.25 | 16.14 | 4.434 | 7.848 | Iodometry |
| Copper | Lab Result | AAS | <0.12 | mg/L | | N/A | 0.00 | N/A | N/A | 4 | N/A | N/A | N/A | N/A | AAS |
| Iron | Lab Result | AAS | 0.52 | mg/L | -0.15 | 0.54 | 0.02 | 0.1 | N/A | 4 | 0.54 | 0.63 | 0.030 | 0.207 | AAS |

* Please note, participant performance for this analyte has been assessed using a z' score, rather than a z score, in order to account for the measurement uncertainty of the assigned value which is not negligible when compared to the SDPA.