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| Hospital/Site | PURE AQUA | | |
| Department | Research | Report Date | 25/07/2014 |
| Client | Pure Aqua Ltd. | Lab Report Number | 229/23449/151447 |
| Address: | Pure Aqua 9 Propeller Park NCR Business Centre Great Central Way London, NW10 0AB United Kingdom | Order Number | 23449 |
| | | Sampled By | ZF |
| | | Date Sample Taken | 23/07/2014 |
| | | Date Sample Arrived | 23/07/2014 |

E.coli Analysis

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|--------------------------------------|--------|---------------|-------|---------------|------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | TEST |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|---|------------------|----------------------------|---------------------|-------------------------|
| E.coli by Membrane Filtration on MLGA @ 30 °C for 4 hours - 37°C for 18 Hours | SOP L020 | MODW:200 9 Part 4 | None Detected/100ml | None Detected cfu/100ml |

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|--------------------------------------|--------|---------------|-------|---------------|----------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | POSITIVE |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|---|------------------|----------------------------|---------------------|---------------------------------|
| E.coli by Membrane Filtration on MLGA @ 30 °C for 4 hours - 37°C for 18 Hours | SOP L020 | MODW:200 9 Part 4 | None Detected/100ml | 7.2 x 10 ⁸ cfu/100ml |

Enterococcus Analysis

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|--------------------------------------|--------|---------------|-------|---------------|------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | TEST |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|----------------------------|---------------------|-------------------------|
| Enterococcus by Membrane Filtration on SBA @ 36°C for 48Hours - Confirmation on BEA @ 44°C for 2 Hours | SOP L036 | BS EN ISO 7899-2:2000 | None Detected/100ml | None Detected cfu/100ml |

Tests denoted with a '*' are not UKAS accredited

Test results only relate to the sample portion tested. Test reports shall not be reproduced except in full, without written approval of 20/30 labs
Issue 3

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|--------------------------------------|--------|---------------|-------|---------------|----------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | POSITIVE |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|---|------------------|----------------------------|---------------------|-------------------------------|
| Enterococcus by Membrane Filtration on SBA @ 36°C for 48-hours - Confirmation on BEA @ 44°C for 2 Hours | SOP L036 | BS EN ISO 7899-2:2000 | None Detected/100ml | 1.0x10 ⁹ cfu/100ml |

Pseudomonas aeruginosa Analysis

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|--------------------------------------|--------|---------------|-------|---------------|----------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | POSITIVE |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|----------------------------|---------------------|-------------------------------|
| Pseudomonas aeruginosa by Membrane Filtration on CNA @ 37°C for 48 Hours | SOP L034 | MODW:201 0 Part 8 | None Detected/100ml | 1.3x10 ⁷ cfu/100ml |

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|--------------------------------------|--------|---------------|-------|---------------|------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | TEST |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|----------------------------|---------------------|-------------------------|
| Pseudomonas aeruginosa by Membrane Filtration on CNA @ 37°C for 48 Hours | SOP L034 | MODW:201 0 Part 8 | None Detected/100ml | None Detected cfu/100ml |

HTM2030 Environmental Mycobacteria Analysis

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|--------------------------------------|--------|---------------|-------|---------------|------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | TEST |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|---|---------------------|---------------------|
| Environmental Mycobacterium by Membrane Filtration on Middlebrook 7H10e @ 30°C for 28 days | SOP L015 | HTM 2030 1997, Section 9.227 and ISO 15883-4:2009, Annex E3 9.226 | None Detected/100ml | To follow cfu/100ml |

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 Issue 3

| | | | | | |
|--------------------------------------|--------|---------------|-------|---------------|----------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | POSITIVE |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|---|---------------------|---------------------|
| Environmental Mycobacterium by Membrane Filtration on Middlebrook 7H10e @ 30°C for 28 days | SOP L015 | HTM 2030 1997, Section 9.227 and ISO 15883-4:2009, Annex E3 9.226 | None Detected/100ml | To follow cfu/100ml |

Staphylococcus aureus Analysis

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|--------------------------------------|--------|---------------|-------|---------------|------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:00 | Sample Point: | TEST |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | 1 |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|---|---------------------|-------------------------|
| Staphylococcus aureus by Membrane Filtration on BPA @ 35 °C for 48 hours * | SOP L043 | ISO 16266:2008 MODW:2010 Part 8 HPA:2006 - Manageme | None Detected/100ml | None Detected cfu/100ml |

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|--------------------------------------|--------|---------------|-------|---------------|----------|
| Machine Identification / Serial No : | 1 | Time Tested: | 14:45 | Sample Point: | POSITIVE |
| Temperature: | N/A °C | Sampled Time: | 13:30 | Position : | |

| Test | Method Reference | Relevant Guideline Numbers | Limits | Result |
|--|------------------|---|---------------------|-------------------------------|
| Staphylococcus aureus by Membrane Filtration on BPA @ 35 °C for 48 hours * | SOP L043 | ISO 16266:2008 MODW:2010 Part 8 HPA:2006 - Manageme | None Detected/100ml | 1.2x10 ⁸ cfu/100ml |

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| Microscopy : Presumptive/Confirmed Culture:* |
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| 20/30 Labs Comments/Corrective Action:* |
| <p>E.coli - 7.86 Log reduction - PASS Enterococci - 9.00 Log reduction - PASS P.aeruginosa (B.diminuta) - 7.11 Log reduction - PASS S.aureus - 8.08 Log reduction - PASS Environmental Mycobacteria - 28 day results available on 20/08/14</p> |

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Laboratory Test Results



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Authorised by:

Zoe Fayers

Lab Supervisor

Corrective Action Taken By Site:

Date:

Name:

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