

Job Ref: J-58597
Job Description: Job No 30043 Demin Water Batch
21842

Number of Samples: 1
Date Sampled: 10/11/2023, at 00:00
Sampled By: C B
Date Received: 10/11/2023, at 11:20
Date Started: 10/11/2023, at 14:01
Date Completed: 17/11/2023
Date Reported: 17/11/2023
Purchase Order Ref:

Certificate of Analysis

Sample Ref	Sample Description	Test Name	Result	Sample Type	Deviation Notes Code
242206	Job No 30043 Demin Water Batch 21842	Chloride Total mg/L	1.52	Other	N/A
242206	Job No 30043 Demin Water Batch 21842	Coliform Enumeration cfu/100ml	N.D.	Other	N/A
242206	Job No 30043 Demin Water Batch 21842	Conductivity uS / cm	9.6	Other	N/A
242206	Job No 30043 Demin Water Batch 21842	E coli -Enumeration cfu/100ml	N.D.	Other	N/A
242206	Job No 30043 Demin Water Batch 21842	pH (Water)	7.2	Other	N/A
242206	Job No 30043 Demin Water Batch 21842	TVC @ 30 Deg C cfu/100ml (7 Days on R2A)	N.D.	Other	N/A

KEY:

N.D. = Not Detected, cfu = Colony Forming Unit, n/a = Test Not Applicable, ? = Test Duration Incomplete, ~ = Estimated * Sub-optimum volume (See test name for optimum volume)

Where sub optimum volumes are tested and compared to guidance documents, the following calculation is to be used, (Optimum Volume/Volume Tested) x (Result in CFU or Method LOD), this will affect positive results and method LOD's

Where the sample matrix is unspecified please be aware this may not fall under our scope of accreditation

**Results relate only to samples analysed
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**Please note results maybe continued on Next Page
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Deviation Notes Reference			
1	Holding time exceeded for all tests	8	Volume Deviation: Insufficient sample volume received, Pseudomonas tested as cfu/50ml LOD=2cfu/100ml
2	Holding time exceeded for all tests other than Legionella	9	Volume Deviation: Insufficient sample volume received, Coliforms/E coli (presence/absence) performed as P/A in 10ml
3	Holding time exceeded for all tests on all samples	10	A sample time has not been given therefore unable to ascertain if the samples are out of holding time
4	Sample deviating due to insufficient volume, results based on 175 ml which will change the LOD to 5cfu in 200ml	11	Insufficient detail: No time sampled provided-unable to determine if stability time is within tolerance
5	Sample deviating due to insufficient volume, results based on 150 ml which will change the LOD to 6cfu in 200ml	12	Holding time exceeded for all samples. Also Where a sample matrix is unspecified, please be aware this may not fall under our scope of accreditation.
6	Sample deviating due to insufficient volume, results based on 125 ml which will change the LOD to 7cfu in 200ml	13	Holding time exceeded for all samples other than Legionella. Also where a sample matrix is unspecified, please be aware this may not fall under our scope of accreditation.
7	Sample deviating due to insufficient volume, results based on 100 ml which will change the LOD to 8cfu in 200ml	14	Sample became deviating due to laboratory process delay.
Other	Other deviation as defined in the footer notes		

Results relate only to samples analysed-Report may not be reproduced. Note: where samples are noted as deviating this may affect the validity of results in accordance with UKAS TPS63 - Coliform Enumeration cfu/100ml: IHM 9 Based on MDW Pt 4 - TVC @ 30 Deg C cfu/100ml (7 Days on R2A): IHM 2 based on MDW 2020 Pt 7 LoD 1 cfu/ 100ml.

Report Authorised by Tony Griffiths BSc
Technical Manager
Digital Validation Code: 1047677611

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