TEST NEEDS - ANALYSIS REPORT

1.0 CUSTOMER DETAILS AND SAMPLES

ALS Batch No.	**25-33622**	*Client Name*	**H2O AU**
ALS Report No.	**276562**	*Phone*	**1300370450**
Test Needs Document No.	**TN200001311**	*Email*	**support@h2oau.com.au**
Tests	**PFAS – Full Suite Low Level (33 analytes)**	*Address*	**63 Camberwell Rd, Hawthorn East VIC 3123**
Sample ID	**11163370**	*Laboratory*	**Test Needs/ALS**
Sampler Name	**Test Needs**	*Address*	**40A Production Drive, Campbellfield VIC 3061, Australia.**
Date Sampled	**12-05-2025**	*Phone*	**03 9115 8105**
Date of Sample Received	**15-05-2025**	*Email*	**info@testneeds.com.au**
Date Report Issued	**22-05-2025**	*No. of pages*	**5**

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2.0 INFORMATION

Drinking water, industrial water, and irrigation water can contain nitrate, chloride, sulphates, sodium, heavy metals, contaminants, pesticides, and other hazardous microorganisms at levels that cannot be tasted or smelled but that can be dangerous to health. Total coliform, bacteria, nitrate, pH, hardness, and total dissolved solids all affect water quality and are mentioned here in our test report. SDI (Silt Density Index) tests are used to determine the water quality for feeding membrane filtration systems through reverse osmosis in order to know the quantity of particulate matter in low-turbidity (<1.0 NTU) waters.

The test works by passing water through a 0.45µm (47mm) membrane filter at a constant pressure of 30 psi and calculating the rate of clogging that occurs with the filter over time.

Heavy metals, such as arsenic (As), cadmium (Cd), chromium (Cr), and lead (Pb), can enter water sources through natural geological processes or human activities such as mining, industrial discharge, and improper waste disposal,posing significant health risks to populations worldwide.

Long-term exposure to heavy metals in drinking water, such as arsenic, cadmium, and chromium, has consistently been linked to various health issues. These metals can enter water naturally or through human activities, gradually accumulating over time and posing significant health risks.

Heavy metals, organic chemicals, including halogenated organics, and specific industries can be associated with specific types of contaminants (e.g., arsenic and copper associated with wood preservation, cadmium and chromium with electroplating, and chromium with leather tanning). Based on human health considerations, the concentration of arsenic in drinking water should not exceed 0.01 mg/L.

3.0 SUMMARY

H2O Oasis purified water sample was tested for its PFAS – Full Suite Low Level (33 analytes)

Sample IDs: 11163370

4.0 RESULTS

The H2O Oasis purified water samples meet the desired limits for PFAS – Full Suite Low Level analysis (33 analytes)

CERTIFICATE OF ANALYSIS

Batch No:	**25-33622**		
Final Report	**276562**		
		Laboratory	Scoresby Laboratory
Client:	**TEST NEEDS**	*Address*	Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
Contact:	**Jayraj Shetty**		
Address:	Test Needs lab 40A Production Drive CAMPBELLFIELD VIC 3061	*Phone*	03 8756 8000
		Fax	03 9763 1862
		Contact:	Brad Snibson Client Manager Brad.Snibson@alsglobal.com
PO No:	**Not Available**	Date Sampled:	**12-May-2025**
Sampler Name:		Date Samples Received:	**19-May-2025**
ALS Program Ref:	**SUNDRY_MEL_CONS**	*Date Issued:*	**21-May-2025**
Program Description:	**Sundry Customer Program for Melbourne**		
Client Ref:	**Sundry Melbourne**		

The hash (#) below indicates methods not covered by NATA accreditation in the performance of this service .

Analysis	*Method*	*Laboratory*	*Analysis*	*Method*	*Laboratory*
PFAS	EP231X-LL	Scoresby			

Signatories

Name	*Title*	*Name*	*Title*
Mathew Fordham	**Chemist/Analyst**		

Samples not collected by ALS and are tested as received.

Calculated results are based on raw data.

Samples are tested within holding time unless otherwise stated.

Batch No: **25-33622**
Report Number: **276562**
Client: **TEST NEEDS**
ALS Program Ref: **SUNDRY_MEL_CONS**
Program Description: **Sundry Customer Program for Melbourne**

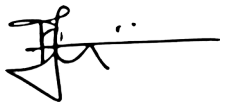
Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
11163370	NONE	1. Lin	WATER	12/05/25 15:00

Analysis - Analyte	*Sample No. Site Code Units*	11163370 NONE
PFAS - Perfluorobutane sulfonic acid (PFBS)	ug/L	<0.002
PFAS - Perfluoropentane sulfonic acid (PFPeS)	ug/L	<0.002
PFAS - Perfluorohexane sulfonic acid (PFHxS)	ug/L	<0.002
PFAS - Perfluoroheptane sulfonic acid (PFHpS)	ug/L	<0.002
PFAS - Perfluorooctane sulfonic acid (PFOS)	ug/L	<0.002
PFAS - Perfluorononane sulfonic acid (PFNS)	ug/L	<0.002
PFAS - Perfluorodecane sulfonic acid (PFDS)	ug/L	<0.002
PFAS - Perfluoropropane sulfonic acid (PFPrS)	ug/L	<0.01
PFAS - Perfluorobutanoic acid (PFBA)	ug/L	<0.01
PFAS - Perfluoropentanoic acid (PFPeA)	ug/L	<0.002
PFAS - Perfluorohexanoic acid (PFHxA)	ug/L	<0.002
PFAS - Perfluoroheptanoic acid (PFHpA)	ug/L	<0.002
PFAS - Perfluorooctanoic acid (PFOA)	ug/L	<0.002
PFAS - Perfluorononanoic acid (PFNA)	ug/L	<0.002
PFAS - Perfluorodecanoic acid (PFDA)	ug/L	<0.002
PFAS - Perfluoroundecanoic acid (PFUnDA)	ug/L	<0.002
PFAS - Perfluorododecanoic acid (PFDoDA)	ug/L	<0.002
PFAS - Perfluorotridecanoic acid (PFTrDA)	ug/L	<0.002
PFAS - Perfluorotetradecanoic acid (PFTeDA)	ug/L	<0.005
PFAS - Perfluorohexadecanoic acid (PFHxDA)	ug/L	<0.005
PFAS - Perfluorooctane sulfonamide (FOSA)	ug/L	<0.002
PFAS - N-Methyl perfluorooctane sulfonamide (MeFOSA)	ug/L	<0.005
PFAS - N-Ethyl perfluorooctane sulfonamide (EtFOSA)	ug/L	<0.005
PFAS - N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	ug/L	<0.005
PFAS - N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	ug/L	<0.005
PFAS - N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	ug/L	<0.002
PFAS - N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	ug/L	<0.002
PFAS - 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	ug/L	<0.005
PFAS - 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	ug/L	<0.005
PFAS - 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	ug/L	<0.005
PFAS - 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	ug/L	<0.005
PFAS - Sum of PFAS	ug/L	<0.002
PFAS - Sum of PFHxS and PFOS	ug/L	<0.002
PFAS - Sum of PFAS (WA DER List)	ug/L	<0.002
PFAS - PFOS Surrogate	%	100
PFAS - PFOA Surrogate	%	100

A blank space indicates no test performed.

6.0 VERIFICATION

Result verified by:



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