

Certificate of Chemical Analysis

Potable Private Water Sample



Laboratory Reference: 10238398
Your Reference: SOP 31461
For the attention of: R Sweeney
Received From: Filpumps Thainstone Business Park Inverurie
 Aberdeenshire
Received On: 31 March 2023
Taken From: Woodburnden Steading, Fordoun, Laurencekirk
Taken On: 30 March 2023
Analysis Start Date: 31 March 2023
Appearance: Hazy, no sediment.
Odour: No smell.

Results of Analysis

Method Code	Determination	Result	Prescribed Concentration or Value
i4203	pH	7.6	6.5 to 9.5
i4204	(2) Conductivity	445 µS/cm	not more than 2500 µS/cm
i4205	Turbidity	2.6 NTU	not more than 4.0 NTU
i4222a	Total Dissolved Solids	300 mg/l	
i4102a	Chloride (as Cl)	26 mg/l	not more than 250 mg/l
i4102c	Nitrate (as NO ₃)	< 3 mg/l	not more than 50 mg/l
i4102d	Sulphate (as SO ₄)	21 mg/l	not more than 250 mg/l
i4523_Ca	Calcium (as Ca)	65.1 mg/l	
i4523_Mg	Magnesium (as Mg)	11.9 mg/l	
i4523_Na	Sodium (as Na)	15.3 mg/l	not more than 200 mg/l
i4523_Al	Aluminium (as Al)	93 µg/l	not more than 200 µg/l
i4523_Fe	Iron (as Fe)	119 µg/l	not more than 200 µg/l
i4523dFe	Iron (dissolved) (as Fe)	3 µg/l	not more than 200 µg/l
i4523_Pb	Lead (as Pb)	< 2 µg/l	not more than 10 µg/l
i4523_Mn	Manganese (as Mn)	26 µg/l	not more than 50 µg/l
i4523_TH (2)	Total Hardness (perm't)(mg/l CaCO ₃)	210 mg/l	

Comments⁽¹⁾

The above results of chemical analysis complied with the requirements of The Private Water Supplies (Scotland) Regulations 2006.

1. Comments, opinions and interpretations are outside the scope of UKAS accreditation.
2. This determination is not included in the UKAS Accreditation Schedule of the laboratory.
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1325