

Project name	Well water
Sample Id	25TV18634
Sample name ¹	Well, Kullaa
Sampling date ¹	22.12.2025 10:00
Sampling by ¹	Tommi Taimi
Arrival date	22.12.2025

Analysis	Method Id	Unit	Result	Limits
Manganese	LA76*	µg/l	1,8	≤100 (s)
Iron	LA76*	µg/l	160	≤400 (s)
Hardness(calculated Ca and Mg)	LA136*	mmol/l	< 0,05	
Chemical oxygen demand	LA144*	mg/l O2	0,76	≤5 (s)
pH	LA147*		6,2	6,5-9,5 (s)
Conductivity	LA146*	µS/cm	144	<2500 (s)
Chloride	LA110*	mg/l	4,9	≤100 (s)
Fluoride	LA110*	mg/l	0,12	≤1,5 (v)
Ammonium	LA131*	mg/l NH4	0,038	≤0,50 (s)
Nitrite NO2	LA129*	mg/l NO2	<0,007	≤0,50 (v)
Nitrate NO3	LA05*	mg/l NO3	1,3	≤50 (v)
Escherichia coli, Colilert	LA604*	MPN/100 ml	0	0 (v)
Coliform bacteria, Colilert	LA604*	MPN/100 ml	0	100 (s)
Look	Aistinvarainen (1 hlö)		Clear	
Intestinal enterococci	LA603*	cfu/100ml	0	0 (v)

Social and Health Ministry of Finland, decree 401/2001, well water; v=quality requirements, s=quality recommendation; Signs <smaller than, ≤smaller or equal to >greater than

STATEMENT Limit values are for well water in an individual household (Social and Health Ministry of Finland, decree 401/2001).

KVYY Tutkimus Oy



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* = Accredited analysis, ¹ = Information provided by customer
 Results relate only to the samples tested. Test report shall not be reproduced except in full without written approval of the laboratory.
 Microbiological measurement uncertainties are available on request.

METHOD REFERENCES

Aistinvarainen (1 hlö)	Sensory evaluation (1 person)
LA05	SFS-EN ISO 13395:1997, CFA-analyzer
LA110	SFS-EN ISO 10304-1:2009
LA129	SFS-EN ISO 13395:1997, CFA-analyzer
LA131	In-house method KVVY LA131
LA136	In-house method, based on SFS-EN ISO 11885:2009
LA144	SFS 3036:1981, modified CFA-analyzer
LA146	SFS-EN 27888:1994
LA147	SFS 3021:1979
LA603	SFS-EN ISO 7899-2:2000
LA604	SFS-EN ISO 9308-2:2014
LA76	SFS-EN ISO 11885:2009

MEASUREMENT UNCERTAINTIES

Analysis	Sample Id	Measurement uncertainty	Measurement date	Lab
Manganese*	25TV18634	0,4 µg/l	29.12.2025	A
Iron*	25TV18634	15 %	29.12.2025	A
Hardness(calculated Ca and Mg)*	25TV18634		30.12.2025	A
Chemical oxygen demand*	25TV18634	0,4	23.12.2025	A
pH*	25TV18634	0,2	23.12.2025	A
Conductivity*	25TV18634	5 %	23.12.2025	A
Chloride*	25TV18634	10 %	29.12.2025	A
Fluoride*	25TV18634	20 %	29.12.2025	A
Ammonium*	25TV18634	15 %	23.12.2025	A
Nitrite NO ₂ *	25TV18634		23.12.2025	A
Nitrate NO ₃ *	25TV18634	15 %	23.12.2025	A
Escherichia coli, Colilert*	25TV18634	Measurement uncertainty upon request	23.12.2025	A
Coliform bacteria, Colilert*	25TV18634	Measurement uncertainty upon request	23.12.2025	A
Look	25TV18634		23.12.2025	A
Intestinal enterococci*	25TV18634	Measurement uncertainty upon request	23.12.2025	A

A KVVY Tutkimus Oy / Tampere

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