

Test report ID 29505

Customer

Bastien Veuthey
Nano Filter SA
Rue de la Grotte 6, 1003 Lausanne, Switzerland

Assignment

Measurlabs provided testing services as requested by the customer.

Samples

Sampling was performed by the customer.

Sample name	Details	Notes	Performed measurements
Nano Filter Gravity Filtration System	Sample material: Stainless steel housing (AISI 304), polymer nanofiltration cartridge	Operational instructions for testing: Before testing, rinse the cartridge with clean water for approximately 30 seconds. The cartridge is secured in the upper chamber with a screw nut and two silicone gaskets. Filtered water is collected in the lower chamber. For the test, fill the upper chamber with at least 5 liters of water. Warning: do not use hot water. Please refer to this installation video for visual instructions: https://share.vidyard.com/watch/6LMg9zm7LJDD5jQXweTtYh	Pharmaceuticals removal by filter (13) Pesticides removal of filter (157) Metals and elements removal/leaching of filter Perfluoroalkyl compounds (PFAS) removal of filter (20) Free chlorine removal of filter

Samples Received

03/07/2026 (dd/mm/yyyy)

Results

The results presented on the next page(s) relate to the tested sample(s) only.

On Monday, August 10, 2026, issued by



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Test results - Pharmaceuticals (wide) removal by filter

Method

Pharmaceuticals tested in accordance with in-house LC-MS/MS method. Test performed by an ISO/IEC 17025 accredited external service provider.

Pure water sample initial spiked with 1 µg/L for all analytes with a filtered volume of 5 L.

Results

Table 1. Results of Pharmaceuticals removal

Analyte	Unit	Result
Amisulpride	µg/l	< 0.010
Benzotriazole	µg/l	< 0.010
Beta-estradiol	µg/l	< 0.010
Candesartan	µg/l	< 0.010
Carbamazepine	µg/l	< 0.010
Citalopram	µg/l	< 0.010
Clarithromycin	µg/l	< 0.010
Diclofenac	µg/l	< 0.010
Hydrochlorothiazide	µg/l	< 0.010
Irbesartan	µg/l	< 0.010
Metoprolol	µg/l	< 0.010
Mixture of 4-Methylbenzotriazole and 5-methyl-benzotriazole	µg/l	< 0.010
Telmisartan	µg/l	< 0.010
Venlafaxine	µg/l	< 0.010

Test results - Perfluoroalkyl compounds (PFAS) removal of filter

Method

PFAS tested in accordance with DIN EN 17892:2022-09, LC-MS/MS. Test performed by an ISO/IEC 17025 accredited external service provider, and measurement method is accredited for drinking water samples.

Pure water sample initial spiked with 2 µg/L for all analytes with a filtered volume of 5 L.

Results

Table 2. Results of PFAS removal

Analyte	Unit	Result
PFOS	µg/l	< 0.00768
PFBA	µg/l	0.012
PFPA	µg/l	< 0.008
PFBS	µg/l	0.0393
PFHxA	µg/l	< 0.008
PFPS	µg/l	< 0.00752
PFHpA	µg/l	< 0.008
PFHxS	µg/l	< 0.0076
PFHpS	µg/l	< 0.00764
PFTTrDA	µg/l	< 0.008
PFNA	µg/l	< 0.008
PFNS	µg/l	< 0.00768
PFDA	µg/l	< 0.008
PFDS	µg/l	< 0.00772
PFUnA	µg/l	< 0.008
PFUnS	µg/l	< 0.00772
PFDoA	µg/l	< 0.008
PFDoS	µg/l	< 0.00776
PFTTrDS	µg/l	< 0.00776
PFOA	µg/l	0.009
Sum of PFAS [20]	µg/l	0.060
Sum of PFAS [4]	µg/l	< 0.010

Test results - Pesticides removal of filter

Method

Pesticides tested in accordance with DIN 38407-36:2014-09, LC-MS/MS. Test performed by an ISO/IEC 17025 accredited external service provider, and measurement method is accredited for drinking water samples.

Pure water sample initial spiked with 1 µg/L for all analytes with a filtered volume of 5 L.

Results

Table 3. Results of Pesticides removal

Analyte	Unit	Result
Metconazole	mg/l	< 0.000025
Cybutryne	mg/l	< 0.000025
Chlorothalonil M4	mg/l	< 0.0001
Metazachlor metabolite BH 479-9	mg/l	< 0.000025
Thiamethoxam	mg/l	< 0.000025
Dimethachlor acid CGA50266	mg/l	< 0.000025
Topramezone	mg/l	< 0.000025
Tetraconazole	mg/l	< 0.000025
Terbuthylazine-desethyl-2-hydroxy MT14	mg/l	< 0.000025
Pethoxamid	mg/l	< 0.000025
Alachlor metabolite: M70 (t-OA)	mg/l	< 0.000025
Fenoxycarb	mg/l	< 0.000025
Penconazole	mg/l	< 0.000025
Dimethachlor sulfonic acid CGA354742	mg/l	< 0.000025
Chloridazon-desphenyl	mg/l	< 0.000025
N,N-Dimethylsulfamide	mg/l	< 0.000025
Chlormequat	mg/l	0.000078
1,2,4-Triazole	mg/l	< 0.000025
Pinoxaden	mg/l	< 0.000025
Metamitron	mg/l	< 0.000025
Chloridazon-desphenyl-methyl	mg/l	< 0.000025
Propoxycarbazone	mg/l	< 0.000024
Fluopyram	mg/l	< 0.000025
Propyzamide	mg/l	< 0.000025
Tebuconazole	mg/l	< 0.000025
Terbuthylazine-2-hydroxy MT13	mg/l	< 0.000025
Flonicamid	mg/l	< 0.000025
Proquinazid	mg/l	< 0.000025
Dimethoate	mg/l	< 0.000025
Lenacil	mg/l	< 0.000025
Metazachlor sulfonic acid BH 479-8	mg/l	< 0.000025
Clothianidin	mg/l	< 0.000025
Ethidimuron	mg/l	< 0.000025

Analyte	Unit	Result
Metolachlor sulfonic acid CGA380168 / CGA354743 (ESA)	mg/l	< 0.000025
Alachlor metabolite: M65 (t-ESA)	mg/l	< 0.000025
Chloridazon	mg/l	< 0.000025
Fenuron	mg/l	< 0.000025
Dimethenamid sulfonic acid ESA	mg/l	< 0.000025
Metazachlor acid BH 479-4	mg/l	< 0.000025
Dimethachlor	mg/l	< 0.000025
Fluopicolide	mg/l	< 0.000025
Flusilazole	mg/l	< 0.000025
Metolachlor	mg/l	< 0.000025
Isoxaben	mg/l	< 0.000025
Flufenacet	mg/l	< 0.000025
Diflubenzuron	mg/l	< 0.000025
Methabenzthiazuron	mg/l	< 0.000025
Metazachlor metabolite BH 479-11	mg/l	< 0.000025
Triadimenol	mg/l	< 0.000025
Chlorothalonil sulfonic acid M12	mg/l	< 0.000023
2-Hydroxyatrazine	mg/l	< 0.000025
Carbendazim	mg/l	< 0.000025
Dimethachlor metabolite CGA369873	mg/l	< 0.000025
Picloram	mg/l	< 0.000025
Propamocarb	mg/l	< 0.000025
Desisopropylatrazine	mg/l	< 0.000025
Ethofumesate	mg/l	< 0.000025
Aclonifen	mg/l	< 0.000025
Napropamide	mg/l	< 0.000025
Quinoclamine	mg/l	< 0.000025
Pyroxsulam	mg/l	< 0.000025
Metribuzin	mg/l	< 0.000025
Prochloraz	mg/l	< 0.000025
Cyflufenamid	mg/l	< 0.000025
Fluazinam	mg/l	< 0.000025
Dimethomorph	mg/l	< 0.000025
Kresoxim-methyl	mg/l	< 0.000025
Fluazifop (isomers incl. Fluazifop-P)	mg/l	< 0.000025
Propiconazole	mg/l	< 0.000025
Prothioconazole	mg/l	< 0.000025
Dimoxystrobin	mg/l	< 0.000025
Diflufenican	mg/l	< 0.000025
Propazine	mg/l	< 0.000025
Tritosulfuron	mg/l	< 0.000025
Clomazone	mg/l	< 0.000025

Analyte	Unit	Result
2,6-Dichlorobenzamide	mg/l	< 0.000025
Difenoconazole	mg/l	< 0.000025
Hexazinone	mg/l	< 0.000025
Boscalid	mg/l	< 0.000025
Methiocarb	mg/l	< 0.000025
Linuron	mg/l	< 0.000025
Prometryn	mg/l	< 0.000025
Myclobutanil	mg/l	< 0.000025
Mandipropamid	mg/l	< 0.000025
Epoiconazole	mg/l	< 0.000025
Flumioxazin	mg/l	< 0.000025
Flurtamone	mg/l	< 0.000025
Cyproconazole	mg/l	< 0.000025
Simazine	mg/l	< 0.000025
Monuron	mg/l	< 0.000025
Fenpropidin	mg/l	< 0.000025
Oxadixyl	mg/l	< 0.000025
Pirimicarb	mg/l	< 0.000025
Bromacil	mg/l	< 0.000025
Metalaxyl CGA 62826	mg/l	< 0.000025
Iprodione	mg/l	< 0.000025
MCPB	mg/l	< 0.000025
2,4-D	mg/l	< 0.000025
Bentazone	mg/l	< 0.000025
Bromoxynil	mg/l	< 0.000025
Clopyralid	mg/l	< 0.000025
Dicamba	mg/l	< 0.000025
Dichlorprop	mg/l	< 0.000025
Fenoxaprop (isomers including Fenoxaprop-P)	mg/l	< 0.000025
Triticonazole	mg/l	< 0.000025
Ioxynil	mg/l	< 0.000025
Metoxuron	mg/l	< 0.000025
Mecoprop (MCP)	mg/l	< 0.000025
Nicosulfuron	mg/l	< 0.000025
Quinmerac	mg/l	< 0.000025
Terbutylazine	mg/l	< 0.000025
Terbutryn	mg/l	< 0.000025
Dimethenamid (isomers incl. Dimethenamid-P)	mg/l	< 0.000025
Azoxystrobin	mg/l	< 0.000025
Haloxyp (isomers incl. Haloxyp-P)	mg/l	< 0.000025
Tebufenpyrad	mg/l	< 0.000025
Tribenuron-methyl	mg/l	< 0.000025

Analyte	Unit	Result
Metalaxyl (incl. isomers)	mg/l	< 0.000025
Metobromuron	mg/l	< 0.000025
Diuron	mg/l	< 0.000025
Triclopyr	mg/l	< 0.000025
Metolachlor acid CGA51202 / CGA351916 (OA)	mg/l	< 0.000025
Dimefuron	mg/l	< 0.000025
Fluroxypyr	mg/l	< 0.000025
Trifloxystrobin	mg/l	< 0.000025
Florasulam	mg/l	< 0.000025
Prosulfocarb	mg/l	< 0.000025
Quinoxifen	mg/l	< 0.000025
Picolinafen	mg/l	0.000028
Atrazine	mg/l	< 0.000025
Pendimethalin	mg/l	< 0.000025
Imidacloprid	mg/l	< 0.000025
Picoxystrobin	mg/l	< 0.000025
Triclosan	mg/l	< 0.000025
Isoproturon	mg/l	< 0.000025
2,4,5-T	mg/l	< 0.000025
Cyanazine	mg/l	< 0.000025
Thiacloprid	mg/l	< 0.000025
Cymoxanil	mg/l	< 0.000025
Imazalil	mg/l	< 0.000025
Acetamiprid	mg/l	< 0.000025
Cyantraniliprole	mg/l	< 0.000025
Pyrimethanil	mg/l	< 0.000025
Desmethyldiuron	mg/l	< 0.000025
Metazachlor	mg/l	< 0.000025
Spiroxamine	mg/l	< 0.000025
Flufenacet ESA	mg/l	< 0.0001
Metosulam	mg/l	< 0.000025
Chlortoluron	mg/l	< 0.000025
Terbuthylazine-desethyl	mg/l	< 0.000025
Carbofuran	mg/l	< 0.000025
Rimsulfuron	mg/l	< 0.000025
Desethylatrazine	mg/l	< 0.000025
Fenpropimorph	mg/l	< 0.000025
TFA	mg/l	< 0.000025
2,4-DB	mg/l	< 0.000025
Alachlor	mg/l	< 0.000025
Amitrole	mg/l	< 0.000025
MCPA	mg/l	< 0.000025

Analyte	Unit	Result
Metalaxyl-M	mg/l	< 0.000025
Parathion-ethyl	mg/l	< 0.000025
Sebuthylazine	mg/l	< 0.000025

Test results - Metals and elements removal/leaching of filter

Method

Metals removal tested in accordance with in-house ICP-MS method. Test performed by an ISO/IEC 17025 accredited external service provider, and measurement method is accredited for drinking water samples.

Tap water sample initial spiked with 10 µg/L for all elements except Na, Mg, K, Ca, S, and Si, which tap water naturally contained in quantities compatible with the analysis, and filtered with volume of 5 L.

Results

Table 4. Results of metals and elements removal

Elements	Unit	Results		
		before filtration	after filtration	Difference
Li	µg/l	20.90	19.54	-1.4
Be	µg/l	9.43	0.07	-9.4
B	µg/l	69.16	37.98	-31.2
Na	µg/l	15789.45	18125.03	2335.6
Mg	µg/l	10345.57	10112.38	-233.2
Al	µg/l	10.47	9.91	-0.6
P	µg/l	35.17	183.51	148.3
K	µg/l	2872.45	3726.15	853.7
Ca	µg/l	91245.87	94551.81	3305.9
Ti	µg/l	10.04	0.36	-9.7
V	µg/l	10.43	0.71	-9.7
Cr	µg/l	8.53	0.72	-7.8
Mn	µg/l	10.64	8.18	-2.5
Fe	µg/l	12.29	23.65	11.4
Co	µg/l	10.13	1.43	-8.7
Ni	µg/l	10.00	1.82	-8.2
Cu	µg/l	52.74	2.26	-50.5
Zn	µg/l	40.62	25.25	-15.4
Ga	µg/l	9.51	4.66	-4.8
Ge	µg/l	9.67	1.99	-7.7
As	µg/l	9.65	5.68	-4.0
Se	µg/l	6.97	7.43	0.5
Sr	µg/l	479.26	460.05	-19.2
Mo	µg/l	10.23	5.27	-5.0
Pd	µg/l	7.23	1.25	-6.0
Cd	µg/l	9.76	0.38	-9.4
Sn	µg/l	9.63	0.04	-9.6
Sb	µg/l	9.98	5.99	-4.0
Te	µg/l	8.87	0.10	-8.8
I	µg/l	20.03	17.15	-2.9
Ba	µg/l	70.62	61.77	-8.8

Elements	Unit	Results		
		before filtration	after filtration	Difference
Ce	µg/l	8.52	-0.02	-8.5
Hg	µg/l	5.36	0.40	-5.0
Tl	µg/l	10.04	-0.10	-10.1
Pb	µg/l	9.74	0.01	-9.7
Bi	µg/l	9.06	0.01	-9.0
U	µg/l	11.09	5.49	-5.6
S	µg/l	3345.78	2982.87	-362.9
Si	µg/l	23458.75	10871.42	-12587.3

Test results - Free chlorine removal of filter

Methods

Free chlorine tested in accordance with in-house Colorimetric method. Test performed by an ISO/IEC 17025 accredited external service provider.

Pure water sample initial spiked with 1 mg/L free chlorine with a filtered volume of 5 L.

Results

Table 5. Results of free chlorine removal

Analyte	Unit	Result
Free residual chlorine before filtration	mg/l	1
Free residual chlorine after filtration	mg/l	< 0.03

End of the test report