

Sample n° : P20-3400.051
 Cust. ref. : Oxygizer - sparkling

Sampling date & time : ----
 Reception date : 28.07.2020
 Matrix : Mineral water (W)

Elements

Parameter	Result	Uncertainty ^a	Unit	Dilution	LLQ ^b	Extraction date	Analysis date	Method	Instrument	Qualifiers ^c	Site ^d
Ca: Calcium - dissolved	158	±18.8	mg/L	1	0.1	----	29.07.2020	EPA 200.8	ICPMS-2030	1	L
Mg: Magnesium - dissolved	37.6	±1.9	mg/L	1	0.1	----	29.07.2020	EPA 200.8	ICPMS-2030	1	L
Na: Sodium - dissolved	1.7	±0.2	mg/L	1	0.1	----	29.07.2020	EPA 200.8	ICPMS-2030	1	L

Physico-chemical characteristics

Parameter	Result	Uncertainty ^a	Unit	Dilution	LLQ ^b	Extraction date	Analysis date	Method	Instrument	Qualifiers ^c	Site ^d
Alkalinity - CaCO ₃	178/179	±13.4	mg/L	1	20	----	30.07.2020	SM 2320 B	Dosino	2	L
Dissolved solid residues	701	±7.0	mg/L	1	1	----	18.08.2020	SM 2540 C	Mettler XP205	2	L
Nitrate - NO ₃	1.7	±0.2	mg/L	1	0.1	----	28.07.2020	EPA 300.0	IC-Metrohm 930	1	L
pH	7.147	±0.1	-	1	0.100	----	29.07.2020	SM 4500-H ⁺ B	pH meter 654	3	L

^a The average uncertainty on the quantification range is reported

^b Lower Limit of Quantitation

^d L=Lausanne, D=Delémont

^c Qualifiers nomenclature:

1 – Analysis in ISO 17025 accreditation domain	4 – Subcontracted analysis	7 – Result not conform	10 – Sample integrity uncertain	15 – Invalid CV for duplicates
2 – Analysis compliant with NELAC standards	5 – Present in extraction blank	8 – Inadequate container	11 – Inadequate sample temperature	16 – LOQ increased du to matrix effect
3 – Analysis non-certifiable by NELAC	6 – Invalid recovery criteria	9 – Inadequate conservation reagent	12, 13, 14 – Holding time exceeded	

Qualifiers 5, 7 to 14: deviations that may affect the accuracy of the result.

Qualifiers 6, 15 and 16: possible matrix effects.