

CARSO - LABORATOIRE SANTE ENVIRONNEMENT HYGIENE DE LYON

Laboratory accredited for Water analysis by the French Ministry of Health

IDENTIFICATION NUMBER		LSE1801-34687 / LSE1801-34688 / LSE1801-34689	
ORIGIN		VOLVIC MINERAL WATER	
SAMPLING, RECEPTION, ANALYSIS		January, 23 th 2018	
N°	CHECKING ITEM	STANDARD	VOLVIC RESULTS
1	Total colony count		
	Low temp (22°C)	Less than 20 CFU/ml	Less than 20 CFU/ml
	High temp (37°C)	Less than 5 CFU/ml	1 CFU/ml
2	Total coliforms	No detection /250 ml	Not detected /250 ml
3	Fecal Streptococci	No detection /250 ml	Not detected /250 ml
4	Pseudomonas aeruginosa	No detection /250 ml	Not detected /250 ml
5	Spore forming sulfite reducing anaerobes	No detection /50 ml	Not detected /50 ml
6	Salmonella typhi	No detection /250 ml	Not detected /250 ml
7	Shigella	No detection /250 ml	Not detected /250 ml
8	Fe	Less than 0.3 mg/L	Less than 0.3 mg/L
9	Mn	Less than 0.3 mg/L	Less than 0.3 mg/L
10	ABS	No detection	Not detected
11	Hardness	500 mg/L CaCO ₃	75.0 mg/L CaCO ₃
12	Dry residue	Less than 500 mg/L	136 mg/L
13	F	Less than 2 mg/L	0.21 mg/L
14	Pb	Less than 0.002 mg/L	Less than 0.002 mg/L
15	As	Less than 0.05 mg/L	0.004 mg/L
16	Se	Less than 0.01 mg/L	Less than 0.01 mg/L
17	Hg	Less than 0.001 mg/L	Less than 0.001 mg/L
18	CN	Less than 0.01 mg/L	Less than 0.01 mg/L
19	Cr 6+	Less than 0.05 mg/L	Less than 0.05 mg/L
20	NH ₄ -N	Less than 0.5 mg/L	Less than 0.5 mg/L
21	NO ₃ -N	Less than 10 mg/L	1.67 mg/L N
22	Cd	Less than 0.005 mg/L	Less than 0.005 mg/L
23	Phenol	Less than 0.005 mg/L	Less than 0.005 mg/L
24	B	Less than 0.3 mg/L	0.014 mg/L
25	Diazinon	Less than 0.02 mg/L	Less than 0.02 mg/L
26	Parathion	Less than 0.06 mg/L	Less than 0.06 mg/L
27	1,2-dibromo - 3-chloropropan	Less than 0.003 mg/L	Less than 0.003 mg/L
28	Fenitrothion	Less than 0.04 mg/L	Less than 0.04mg/L
29	Carbaryl	Less than 0.07 mg/L	Less than 0.07 mg/L
30	1,1,1-TCE	Less than 0.1 mg/L	Less than 0.1 mg/L
31	PCE	Less than 0.01 mg/L	Less than 0.01 mg/L
32	TCE	Less than 0.03 mg/L	Less than 0.03 mg/L
33	Dichloromethane	Less than 0.020 mg/L	Less than 0.020 mg/L
34	Benzene	Less than 0.010 mg/L	Less than 0.010 mg/L
35	Toluene	Less than 0.7 mg/L	Less than 0.7 mg/L
36	Ethylbenzene	Less than 0.3 mg/L	Less than 0.3 mg/L
37	Xylene	Less than 0.5 mg/L	Less than 0.5 mg/L
38	1,1-dichloroethylene	Less than 0.03 mg/L	Less than 0.03 mg/L
39	Carbon tetrachloride	Less than 0.002 mg/L	Less than 0.002 mg/L
40	KMnO ₄ consumed	Less than 10 mg/L	Less than 10 mg/L
41	Odor	No detection	Not detected
42	Taste	No detection	Not detected
43	Cu	Less than 1 mg/L	Less than 1 mg/L
44	Color	Less than 5 U Pt	Less than 5 U Pt
45	pH	5.8-8.5	6.93
46	Zn	Less than 1 mg/L	Less than 1 mg/L
47	Cl	Less than 250 mg/L	15.6 mg/L
48	Turbidity	Less than 1 NTU	Less than 1 NTU
49	SO ₄	Less than 200 mg/L	8.6 mg/L
50	Al	Less than 0.2 mg/L	Less than 0.2 mg/L
51	1,4dioxane	Less than 0.05 mg/L	Less than 0.05 mg/L
52	Bromates	Less than 0.01 mg/l	Less than 0.003 mg/l
53	Uranium	No detection	Not detected

Vénissieux, February, 2018, 15th.

Jean Christophe D'OLIVEIRA – Quality Director

Stock Company with a capital of 2 283 622.30 euros. RCS Lyon B 410 545 313 00042 APE 7120 B N°TVA FR 8241 545 313

Headquarters: 4 avenue Jean Moulin -F-69633 VENISSIEUX cedex Tel : 04 72 76 16 16 Fax : 04 78 72 35 03