

Certified Translation from Serbian into English Language

Samling Date	09.Feb.2011.g	Electric Conductivity (S/cm)	460
Water Temperature (°C)	12.5	Mineralization (mg/L)	490
Air Temperature (°C)	9.0	Dry Residue – 180° C (mg/L)	330
Colour (°Pt-Co Scale)	<0.5	Total Hardness (°dH)	17.8
Muddiness (NTU)	<0.5	Total Ions of Alkaline Earth	
pH	7.25	Metals (mg/L as Ca)	127.1
		Consumption KMnO ₄ (mg O/L)	1.4

1 LITRE OF WATER CONTAINS

CATIONS	mg/L	mmol	mval	mval	ANIONS	mg/L	mmol	mval	mval
Na ⁺	2.5	0.22	0.11	1.69	HCO ₃ ⁻	336.0	5.51	5.51	88.02
K ⁺	1.2	0.03	0.03	0.46	CO ₃ ⁻	<0.1	-	-	-
Li ⁺	0.018	0.003	0.003	-	OH ⁻	<0.1	-	-	-
NH ₄ ⁺	<0.05	-	-	-	Cl ⁻	8.2	0.23	0.23	3.67
Ca ²⁺	68.2	1.705	3.41	52.46	Br ⁻	<0.5	-	-	-
Mg ²⁺	35.3	1.47	2.94	45.24	J ⁻	<0.5	-	-	-
Sr ²⁺	0.52	0.006	0.01	0.15	F ⁻	<0.1	-	-	-
Mn ²⁺	0.008	0.0001	-	-	NO ₃ ⁻	2.5	0.04	0.04	0.64
Fe ²⁺	0.07	0.001	-	-	P total	0.005	-	-	-
Al ³⁺	<0.04	-	-	-	SO ₄ ²⁻	23.0	0.24	0.48	7.67
TOTAL	107.92	3.33	6.50	100.00	TOTAL	369.71	6.02	6.26	100.00

WEAK ELEKTROLYES (mg/L)		SOLUTED GASES (mg/L)			
H ₂ SiO ₃	15.6	O ₂	3.6	H ₂ S-total	<0.10
H ₃ BO ₃	<0.1	Sautation O ₂	-	H ₂ S-free	<0.05
		N ₂	4.2	HS	<0.05
		CO ₂	20.0		

TOTAL OF ALL HARD INGREDIENTS (mg/L)	330.0
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KURLOV's FORMULA:	M 330 ———— HCO ₃ 88.02 ———— T 12.5 °C Ca 52.46 Mg 45.24
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CATEGORIZIATION:	Water belongs to the category of: CALCIUM-MAGNESIUM-HYDROCARBONATE-COLD-OLIGOMINERALE WATERS
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