

Corresponds to: LAS MARGARITAS SRL  
 Requested by: LAS MARGARITAS SRL  
 Report: 40111238

**PHYSICOCHEMICAL AND BACTERIOLOGICAL ANALYSIS OF WATER**

Material: WATER

Provenance: ESTABLISHMENT "LAS MARGARITAS" - ESQUEL

Date received: 11/01/14

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Sample extracted and sent by the applicant.-

CHARACTERS SENSORIALS	RESULTS	NORM / USED TECHNIQUE
Color	Colorless	SM 2120 C - NEPHELOMETRIC METHOD
Odor	Odorless	SM 2150 B - PROOF OF UNBRAL OF ODOR
Flavor	Inspid	SM 2160 C - EVALUATION OF TASTE OF FLAVOR
Turbidity	1 NTU	SM 2130 B - NEPHELOMETRIC METHOD
CHEMICAL CHARACTERS AND PHYSICAL CHEMICALS	RESULTADOS	NORM / USED TECHNIQUE
Arsenic	<0.005 mg / l	EPA 6010B
Barium	<0.010 mg / l	EPA 6010B
Boron	0,010 mg/l	EPA 6010B
Cadmio	< 0,005 mg/l	EPA 6010B
Total Alkalinity (Expressed in CaCO3)	90 mg/l	SM 2320 B - TITRIMETRY
Carbonates (as CaCO3)	< 10 mg/l	SM 2320 B - TITRIMETRY
Chloride (as ion)	7 mg/l	SM 4500 Cl B - METHOD ARGENTOMETRIC
Copper	< 0,010 mg/l	EPA 6010B
Fluorine (as ion fluoride)	< 0,40 mg/l	SM 4500 F D - COLORIMETRY / SPECTROPHOTOMETRIC
Sodium	8,0 mg/l	FLAME PHOTOMETRY
Iron	< 0,050 mg/l	EPA 6010B
Manganese	< 0,010	EPA 6010B
DQO	< 5,0 mg/l	SM 4500 NO3 B - SPECTROPHOTOMETRIC
Nitrates (as ion nitrate)	6,0 mg/l	SM 4500 NO3 B - SPECTROPHOTOMETRIC
pH	7,2	SM 4500 H B - ELECTROMETRIC
Dry residue soluble (180oC)	116 mg/l	SM 2540 B - METHOD GRAVIMETRIC
Selenium	< 0,010 mg/l	EPA 6010B
Sulfate (as ion)	8 mg/l	SM 4500 SO4 E - METHOD TURBIDIMETRICO
Sulfuro (como ión)	< 0,05 mg/l	SM 4500 S = D - METHOD OF THE BLUE OF METHYLENE
Zinc	< 0,050 mg/l	EPA 6010B

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CONTAMINANTS	RESULTS	NORM / USED TECHNIQUE
Detergents	Absence	SM 5540 C - SURFACTANTS ANIONICOS AS SAAM
Cyanide (as ion)	< 0,01 mg/l	SM 4500 Cn E - COLORIMETRY
Total residual chlorine	Absence	SM 4500 Cl G - METHOD COLORIMETRIC OF THE DPD
Total phenols	Absence	GASEOUS CHROMATOGRAPHY
Chrome (VI)	< 0,05 mg/l	SM 3500 Cr D - COLORIMETRY
Total Hydrocarbons	Absence	EPA 418.1 - IR
Aceites y grasas	Absence	EPA 418.1 - IR
Mercurio	< 0,001 mg/l	EPA 6010B
Nitrite (as an ion)	< 0,01 mg/l	SM 4500 NO2 B - METODOD COLORIMETRIC
Ammoniacal nitrogen (as ammonium ion)	< 0,10 mg/l	SM 4500 NH3 - SPECTROPHOTOMETRIC
Plomo	< 0,010 mg/l	EPA 6010B
Residuos de pesticidas	Absence	EPA 507 and SM 6630 - GASEOUS CHROMATOGRAPHY
MICROBIOLOGICAL QUALITY	RESULTS	NORM / USED TECHNIQUE
Escherichia coli, in 250 CC	Absence	SM 9221 B / C - PIPE FERMENTATION MULTIPLE FOR MEMBERS OF THE GROUP OF COLIFORMS TECHNIC INSULATION IN EMB BIOCHEMICAL TESTS - TYPIFICATION
Fecal streptococci, in 250 cc	Absence	CULTIVATION - EVIDENCE BIOCHEMICALS -
Clostridium sulf.red., in 50 cc	Absence	TYPIFICATION NMP - DRCM
Pseudomonas aeruginosa, in 250 cc	Absence	ENRICHMENT AND AFTER ISOLATION IN AGAR CETRIMIDE BIOCHEMICAL TESTS - TYPIFICATION

**CONCLUSION:**

According to the determinations made, the analyzed sample **complies** with the requirements of Article 985 (Res MSyAS N ° 209 of 7.03.94) of the C.A.A "AGUAS MINERALES".

According to Article 986 (Res MSyAS N ° 209 of 7.03.94) of C.A.A, it can be classified as:

- Weak mineralization: soluble dry residue at 180 ° C between 101 and 500 mg / l.
- Low sodium: contains less than 20 mg / l of sodium ion.