

Industrial Chemical Analysis

PRELIMINARY RESULTS

UNIÓN DE GANADEROS LECHEROS DE JUÁREZ, SA DE CV

Sampling date: June 22, 2016
 Type of sample: Drinking water, internal intake provided by company personnel
 Lab Control No.: 1606457

RESULTS

Parameter	Outcome	LP	Units	Method
Carbonate alkalinity *	<25.0	NE	mg / L CaCO ₃	SM 2320 B
Bicarbonates *	222.4	NE	mg / L CaCO ₃	SM 2320 B
Electric conductivity	228.7	NE	mS / m	NMX-AA-093-SCFI-2000
Free residual chlorine	<0.15	0.2 - 1.50	mg / L	NMX-AA-108- SCFI-2001
Chlorides	374.0	250.00	mg / L	NMX-AA-073- SCFI-2001
Total hardness	862.5	500.00	mg / L CaCO ₃	NMX-AA-072-SCFI-2001
Fluorides	0.72	1.50	mg / L	NMX-AA-077-SCFI-2001
Nitrite Nitrogen	<0.02	1.00	mg / L	NMX-AA-099-SCFI-2006
Hydrogen potential	7.44	6.5 - 8.5	Unit pH	NMX-AA-008-SCFI-2011
Total dissolved solids	1 710.0	1,000.00	mg / L	NMX-AA-034- SCFI-2001
Total suspended solids	<10.0	NE	mg / L	NMX-AA-034- SCFI-2001
Temperature	25	NE	° C	NMX-AA-007-SCFI-2013

RESULTS OF TESTS CARRIED OUT BY AN EXTERNAL LABORATORY

Parameter	Outcome	LP	Units	Method
Turbidity	3	5	NTU	NMX-AA-038-SCFI-2001
Colour	10	twenty	Pt / Co	NMX-AA-045-SCFI-2001

Nitrogen from nitrates	<0.05	10.00	mg / L	NMX-AA-079-SCFI-2001
Sulfates	427	400.00	mg / L	NMX-AA-074-SCFI-2014
Silicon	11.7	NE	mg / L	NMX-AA-051-SCFI-2001
Boron	0.11	NE	mg / L	EPA 6020A-2007
Sodium	143	200.00	mg / L	EPA 6020A-2007
Magnesium	54.9	NE	mg / L	EPA 6020A-2007
Potassium	7.29	NE	mg / L	EPA 6020A-2007
Calcium	232	NE	mg / L	EPA 6020A-2007
iron	<0.05	0.30	mg / L	EPA 6020A-2007
Manganese	0.13	0.15	mg / L	EPA 6020A-2007
Strontium	3.90	NE	mg / L	EPA 6020A-2007
Barium	0.11	0.70	mg / L	EPA 6020A-2007

LP Permissible limits according to the Modification to the Official Mexican Standard NOM-127-SSA1-1994, Environmental Health, water for human use and consumption.

NE Not established in the Modification to the Official Mexican Standard NOM-127-SSA1-1994

* Parameter not credited