

COMPLETE RO-SCREEN



Analytes and Lower Reporting Limit (LRL) mg/L

Elemental Metals	LRL (mg/L)	Other Inorganics	LRL (mg/L)
Aluminum	0.040	Bromide	0.05
Arsenic	0.003	Chloride	0.05
Barium	0.004	Fluoride	0.05
Beryllium	0.0005	Free Chlorine	0.05
Boron	0.015	Total Chlorine	0.1
Cadmium	0.0005	Nitrate	0.05
Calcium	0.060	Nitrite	0.05
Chromium	0.003	Ortho-Phosphate	0.05
Copper	0.007	Sulfate	0.05
Iron	0.009		
Lead	0.001	Misc. Parameters	
Lithium	0.001	Alkalinity (as CaCO3)	5
Magnesium	0.020	Bicarbonate (as HCO3)	5
Manganese	0.0005	Carbonate (as CaCO3)	5
Molybdenum	0.002	Carbon Dioxide	5
Nickel	0.0021	Conductivity (µmhos/cm)) 2
Potassium	0.150	Hardness	0.220
Selenium	0.004	Langlier Index	
Silver	0.001	pH (Standard Units)	
Sodium	0.150	TOC	0.2
Strontium	0.001	Total Dissolved Solids	20
Thallium	0.0015	Turbidity (NTU)	0.1
Tin	0.030	Silica (as SiO2)	0.050
Uranium	0.001	Total Anions as CaCO3	
Vanadium	0.004	Total Cations as CaCO3	
Zinc	0.004		

The COMPLETE test that meets all your testing needs!

National Testing Laboratories, Ltd 1-800-H2O-TEST / 1-800-458-3330 www.ntllabs.com / www.watercheck.com email: ntlsales@ntllabs.com

Informational Water Quality Report

Complete RO Screen

Client:	
Oudered Der	
Ordered By:	
John Doe	
6571 Wilson Mills Rd	
Cleveland, OH 44143	



6571 Wilson Mills Rd Cleveland, Ohio 44143 1-800-458-3330

Sample Number: 111111

Location:

Type of Water: City Water

Collection Date and Time: 01/01/2018 10:00 AM Received Date and Time: 01/02/2018 10:00 AM

Date Completed: 01/10/2018

Definition and Legend

This informational water quality report compares the actual test result to national standards as defined in the EPA's Primary and Secondary Drinking Water Regulations.

Primary Standards: Are expressed as the maximum contaminant level (MCL) which is the highest level of contaminant that

is allowed in drinking water. MCLs are enforceable standards.

Secondary standards: Are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin

or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. Individual

states may choose to adopt them as enforceable standards.

Action levels: Are defined in treatment techniques which are required processes intended to reduce the level of a

contaminant in drinking water.

mg/L (ppm): Unless otherwise indicated, results and standards are expressed as an amount in milligrams per liter or

parts per million.

Minimum Detection

Level (MDL):

The lowest level that the laboratory can detect a contaminant.

ND: The contaminant was not detected above the minimum detection level.

NA: The contaminant was not analyzed.

√

The contaminant was not detected in the sample above the minimum detection level.



The contaminant was detected at or above the minimum detection level, but not above the referenced standard.



The contaminant was detected above the standard, which is not an EPA enforceable MCL.



The contaminant was detected above the EPA enforceable MCL.



These results may be invalid.

Status	Contaminant	Results	Units	National Standa	ards M	in. Detection Level
	Inorganic Analytes - Metals					
√	Aluminum	ND	mg/L	0.2	EPA Secondary	0.040
√	Arsenic	ND	mg/L	0.010	EPA Primary	0.003
	Barium	0.034	mg/L	2	EPA Primary	0.004
✓	Beryllium	ND	mg/L	0.004	EPA Primary	0.0005
✓	Boron	ND	mg/L			0.015
✓	Cadmium	ND	mg/L	0.005	EPA Primary	0.0010
	Calcium	15.800	mg/L			0.060
✓	Chromium	ND	mg/L	0.1	EPA Primary	0.003
	Copper	0.012	mg/L	1.3	EPA Action Level	0.004
<u> </u>	Iron	ND	mg/L	0.3	EPA Secondary	0.009
✓	Lead	ND	mg/L	0.015	EPA Action Level	0.001
	Lithium	0.001	mg/L			0.001
	Magnesium	5.770	mg/L			0.100
✓	Manganese	ND	mg/L	0.05	EPA Secondary	0.0005
✓	Molybdenum	ND	mg/L			0.002
√	Nickel	ND	mg/L			0.0020
	Potassium	1.72	mg/L			0.15
✓	Selenium	ND	mg/L	0.05	EPA Primary	0.004
	Silica	28.10	mg/L			0.05
✓	Silver	ND	mg/L	0.100	EPA Secondary	0.001
	Sodium	6.50	mg/L			0.15
	Strontium	0.121	mg/L			0.001
✓	Thallium	ND	mg/L	0.002	EPA Primary	0.0015
√	Tin	ND	mg/L			0.030
√	Uranium	ND	mg/L	0.030	EPA Primary	0.001
1	Vanadium	ND	mg/L			0.015

Page 2 of 4 01/10/2018 01:00:00 PM Product: Complete RO Screen Sample: 111111

Status	Contaminant	Results	Units	National Standa	rds Mi	n. Detection Level	
1	Zinc	ND	mg/L	5	EPA Secondary	0.004	
	Physical Factors						
	Alkalinity (Total as CaCO3)	58	mg/L			20	
	Bicarbonate (as CaCO3)	58	mg/L			20	
	Carbon Dioxide (Free CO2)	6	mg/L			5	
✓	Carbonate (as CaCO3)	ND	mg/L			20	
	Conductivity	170	umhos/cm			2	
	Hardness	63.1	mg/L	100	NTL Internal	0.220	
1	Langelier Index	-1.113	Index				
✓	рН	7.3	pH Units	6.5 to 8.5	EPA Secondary		
	Total Anions	102.0	mg/L			1.0	
	Total Cations	58.0	mg/L			1.0	
	Total Dissolved Solids	110	mg/L	500	EPA Secondary	20	
1	Turbidity	ND	NTU	1.0	EPA Action Level	0.1	
			Inorganic An	alytes - Other			
√	Bromide	ND	mg/L			0.05	
	Chloride	7.20	mg/L	250	EPA Secondary	0.05	
	Chlorine-Free	0.30	mg/L			0.05	
	Chlorine-Total	0.3	mg/L	-		0.1	
	Fluoride	0.70	mg/L	4.0	EPA Primary	0.05	
	Nitrate as N	0.42	mg/L	10	EPA Primary	0.05	
✓	Nitrite as N	ND	mg/L	1	EPA Primary	0.05	
	Ortho Phosphate	0.14	mg/L			0.05	
	Sulfate	7.80	mg/L	250	EPA Secondary	0.05	
	Organic Analytes - Others						
	Total Organic Carbon	0.7	mg/L			0.2	

Page 3 of 4 01/10/2018 01:00:00 PM Product: Complete RO Screen Sample: 111111

Status Contaminant Results Units National Standards Min. Detection Level

We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

These test results are intended to be used for informational purposes only and may not be used for regulatory compliance.

National Testing Laboratories, Ltd.

NATIONAL TESTING LABORATORIES, LTD

Page 4 of 4 01/10/2018 01:00:00 PM Product: Complete RO Screen Sample: 111111