



# Chaparral Laboratories, Inc.



861 State Hwy 19 P.O. Box 1622 Huntsville, TX 77342-1622 www.chaparrallabs.com Phone: 936-291-1881 Fax: 936-295-1731

## Certificate of Analysis

Aqua Pure  
Attn: Shannon Marsh  
P.O. Box 279  
New Waverly, TX 77358

Customer ID: AQPURE  
Sample ID: 18110493  
Date Received: 11/14/2018  
Date Reported: 12/07/2018

Project: Cottonwood Park PWS  
Location: Harris County, TX

## Analytical Results

Collection Point: EWQP

Date/Time Collected: 11/14/2018 09:01

Sample Type: Grab

Collector: Shannon Marsh

Site Address: 11202 Cora St

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrid
Alkalinity	201.9	mg/L CaCO <sub>3</sub>	11/17/2018 13:41	MHE	-01	SM 2320 B	QC1811291	WQP
Calcium	65.8	mg/L	12/03/2018 08:48	MHE	-01	SM 3111 B	QC1812014	
Conductivity	525.0	umho/cm	11/17/2018 10:48	MHE	-01	SM 2510 B	QC1811292	WQP
pH	6.9	SU	11/14/2018 09:01	JFL	-01	SM 4500-H+B	QC1811214	Field
Temperature	14.3	°C	11/14/2018 09:01	JFL	-01	SM 2550 B	QC1811216	Field

Collection Point: DSTWQP

Date/Time Collected: 11/14/2018 09:03

Sample Type: Grab

Collector: Shannon Marsh

Site Address: 11208 Cora St

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrid
Alkalinity	197.9	mg/L CaCO <sub>3</sub>	11/17/2018 13:41	MHE	-02	SM 2320 B	QC1811291	WQP
Calcium	65.9	mg/L	12/03/2018 08:48	MHE	-02	SM 3111 B	QC1812014	
Conductivity	526.0	umho/cm	11/17/2018 10:48	MHE	-02	SM 2510 B	QC1811292	WQP
pH	6.8	SU	11/14/2018 09:03	JFL	-02	SM 4500-H+B	QC1811214	Field
Temperature	14.3	°C	11/14/2018 09:03	JFL	-02	SM 2550 B	QC1811216	Field

## Quality Control

QC ID	Param	QC Type	Result	Units	Flag
QC1811214	pH	RPD	0	%	
QC1811216	Temperature	RPD	0	%	



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QC1811291 Alkalinity

Duplicate %RPD	0	%
LCS	100	%
Method Blank	<10.0	mg/L CaCO <sub>3</sub>

QC1811292 Conductivity

Duplicate %RPD	0.2	%
Duplicate %RPD	0	%
LCS	101.5	%
Method Blank	<10.0	umho/cm

QC1812014 Calcium

Duplicate %RPD	0	%
Duplicate %RPD	5.4	%
LCS	106.7	%
Method Blank	<1.0	mg/L
MS %R	113.7	%
MS %R	91	%
MSD %R	92.5	%
MSD %R	113	%

*The analytical results in this Certificate of Analysis relate only to the samples tested. This Certificate of Analysis, with its corresponding Chain of Custody, completes the data package. This data package may not be reproduced, except in full, without the written approval of Chaparral Laboratories, Inc. Chaparral Laboratories, Inc NELAP accredited certification # T104704204. (<) = Result was below quantitation limits. (>) = Result was above quantitation limits. Samples analyzed for Oxygen Uptake Rate are diluted to <2% total solids for analysis. Results reported as mg/kg, %, or CFU/g/TS are calculated on a dry weight basis, unless otherwise noted. Precision Criteria for Fecal Coliform, Escherichia coli and Enterococci analyses are calculated according to SM 9020 B 8.5.b. Acceptable = meets Precision Criteria; Unacceptable = does not meet Precision Criteria.*

Approved by David H. Veinotte  
Laboratory Director

