



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: 18110515
Date Received: 11/14/2018
Date Reported: 12/07/2018

Project: Greif Brothers Corp. PWS
Location: Harris County, TX

Analytical Results

Collection Point: EWQP

Date/Time Collected: 11/14/2018 10:18

Sample Type: Grab

Collector: Shannon Marsh

Site Address: 10700 Strange Rd La Porte

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrid
Alkalinity	245.9	mg/L CaCO ₃	11/17/2018 13:41	MHE	-01	SM 2320 B	QC1811291	WQP
Calcium	8.8	mg/L	12/03/2018 08:48	MHE	-01	SM 3111 B	QC1812014	
Conductivity	644.0	umho/cm	11/17/2018 10:48	MHE	-01	SM 2510 B	QC1811292	WQP
pH	8.0	SU	11/14/2018 10:18	SMM	-01	SM 4500-H+B	QC1811214	Field
Temperature	20.4	°C	11/14/2018 10:18	SMM	-01	SM 2550 B	QC1811216	Field

Collection Point: DSTWQP

Date/Time Collected: 11/14/2018 10:15

Sample Type: Grab

Collector: Shannon Marsh

Site Address: North Side of building

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrid
Alkalinity	247.9	mg/L CaCO ₃	11/17/2018 13:41	MHE	-02	SM 2320 B	QC1811291	WQP
Calcium	9.8	mg/L	12/03/2018 08:48	MHE	-02	SM 3111 B	QC1812014	
Conductivity	647.0	umho/cm	11/17/2018 10:48	MHE	-02	SM 2510 B	QC1811292	WQP
pH	8.1	SU	11/14/2018 10:15	SMM	-02	SM 4500-H+B	QC1811214	Field
Temperature	7.9	°C	11/14/2018 10:15	SMM	-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 ₃

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

