



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

FDEP- Orlando
3319 Maguire Blvd., Suite 232
Orlando, FL 32803

PO #: B3508E
Client Project #: n/a
Date Sampled: Aug 28, 2018
Aug 29, 2018; Invoice: 376169

Report Summary

Date Received: Aug 28, 2018

FCL Project Manager: Michael D. Conner

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
376169AQ1	Lab Blank	SM9223B	ECG	Main Lab	Water
376169SW1	G2CE0068	SM9223B	ECG	Main Lab	Surface Water
376169SW2	G2CE0080	SM9223B	ECG	Main Lab	Surface Water
376169SW3	G2CE0191	SM9223B	ECG	Main Lab	Surface Water
376169SW4	G2CE0190	SM9223B	ECG	Main Lab	Surface Water
376169SW5	G2CE0106	SM9223B	ECG	Main Lab	Surface Water
376169SW6	G1CE0023	SM9223B	ECG	Main Lab	Surface Water
376169SW7	G1CE0063	SM9223B	ECG	Main Lab	Surface Water
376169SW8	Lab Dup G2CE0068	SM9223B	ECG	Main Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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Analysis Report

Lab #: 376169AQ1	Sampled: 08/28/18 11:59 AM	Desc: Lab Blank								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	1.00 U	mpn/100mL	1.00	1.00	1.00	10381550	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW1	Sampled: 08/28/18 09:18 AM	Desc: G2CE0068								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	10.9	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW2	Sampled: 08/28/18 10:00 AM	Desc: G2CE0080								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	13.4	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW3	Sampled: 08/28/18 10:59 AM	Desc: G2CE0191								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	19.9	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW4	Sampled: 08/28/18 10:51 AM	Desc: G2CE0190								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	44.1	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW5	Sampled: 08/28/18 11:59 AM	Desc: G2CE0106								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	24.3	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW6	Sampled: 08/28/18 10:13 AM	Desc: G1CE0023								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	18.9	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM



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Lab #: 376169SW7		Sampled: 08/28/18 10:30 AM		Desc: G1CE0063						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	19.7	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM
Lab #: 376169SW8		Sampled: 08/28/18 09:18 AM		Desc: Lab Dup G2CE0068						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
E. Coli	8.60	mpn/100mL	1.00	1.00	1.00	10381549	SM9223B		08/28/18	04:31 PM



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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results WERE READ ON 08/29/18 AT 10:43AM.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.