

Sample Analysis Report

October, 2009

Analyst Initials AR

Date 10/03/09

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
Extraction Wells							
AE-3-10-05-09-09:09	112	1.0		5.0		10.0	
HZ-S-10-06-09-12:01	896	1.0		5.0		10.0	
LB-1-10-05-09-09:05	498	1.0		5.0		10.0	
LB-3-10-05-09-09:07	498	1.0		5.0		10.0	
PW-1-10-05-09-08:01	805	1.0		5.0		10.0	
SW-COMB-10-05-09-07:55	524	1.0		5.0		10.0	
DOLPH-10-05-09-07:57	91	1.0		5.0		10.0	
TW-5-10-06-09-11:21	891	1.0		5.0		10.0	
TW-8-10-06-09-13:30	482	1.0		5.0		10.0	
TW-9-10-06-09-12:05	1024	1.0		5.0		10.0	
TW-10-10-06-09-11:43	878	1.0		5.0		10.0	
TW-13-10-06-09-12:19	586	1.0		5.0		10.0	
TW-14-10-06-09-12:08	108	1.0		5.0		10.0	
TW-17-10-06-09-12:11	106	1.0		5.0		10.0	
TW-18-10-05-09-07:59	340	1.0		5.0		10.0	
TW-19-10-05-09-08:36	810	1.0		5.0		10.0	
TW-19-10-12-09-09:00	837	1.0		5.0		10.0	
TW-19-10-19-09-08:22	913	1.0		5.0		10.0	
TW-19-10-26-09-08:40	779	1.0		5.0		10.0	
TW-20-10-06-09-11:34	1940	1.0		5.0		10.0	
RED POND							
Red Pond-10-05-09-08:05	611	1.0		5.0		10.0	
Red Pond-10-12-09-07:45	624	1.0		5.0		10.0	

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RED POND							
Red Pond-10-19-09-08:05	657	1.0		5.0		10.0	
Red Pond-10-26-09-08:20	480	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-10-01-09-	4	1.0	6	5.0		10.0	
OUTFALL-10-04-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-05-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-06-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-07-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-08-09-	5	1.0	6	5.0		10.0	
OUTFALL-10-11-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-12-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-13-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-14-09-	5	1.0	6	5.0		10.0	
OUTFALL-10-15-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-18-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-19-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-20-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-21-09-	5	1.0	nd	5.0		10.0	
OUTFALL-10-22-09-	5	1.0	5	5.0		10.0	
OUTFALL-10-25-09-	4	1.0	nd	5.0		10.0	
OUTFALL-10-26-09-	4	1.0	5	5.0		10.0	
OUTFALL-10-27-09-	4	1.0	nd	5.0		10.0	
OUTFALL-10-28-09-	4	1.0	nd	5.0		10.0	
OUTFALL-10-29-09-	4	1.0	6	5.0		10.0	
Injection Wells							
IW-2-10-16-09-10:20	214	1.0		5.0		10.0	
Maple-Inj-10-01-09-08:05	4	1.0	8	5.0		10.0	
Maple-Inj-10-05-09-08:31	5	1.0	6	5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
Injection Wells							
Maple-Inj-10-08-09-08:08	5	1.0	7	5.0		10.0	
Maple-Inj-10-12-09-08:55	4	1.0	6	5.0		10.0	
Maple-Inj-10-15-09-07:55	4	1.0	7	5.0		10.0	
Maple-Inj-10-19-09-08:17	6	1.0	nd	5.0		10.0	
Maple-Inj-10-22-09-08:10	7	1.0	nd	5.0		10.0	
Maple-Inj-10-26-09-08:33	4	1.0	6	5.0		10.0	
Maple-Inj-10-29-09-08:15	6	1.0	nd	5.0		10.0	
A-Series Wells							
MW-112s-10-19-09-09:45	nd	1.0		5.0		10.0	
MW-112i-10-19-09-11:15	5	1.0		5.0		10.0	
MW-112d-10-19-09-10:35	nd	1.0		5.0		10.0	
C3							
MW-1-10-30-09-09:40	411	1.0		5.0		10.0	
MW-5d-10-21-09-14:45	49688	1.0		5.0		10.0	
MW-11i-10-26-09-11:35	9	1.0		5.0		10.0	
MW-18d-10-26-09-11:15	210	1.0		5.0		10.0	
MW-22-10-21-09-13:40	2684	1.0		5.0		10.0	
MW-37-10-07-09-14:40	287	1.0		5.0		10.0	
MW-39s-10-20-09-12:30	35	1.0		5.0		10.0	
MW-75-10-08-09-09:25	242	1.0		5.0		10.0	
MW-105s-10-30-09-11:30	1526	1.0		5.0		10.0	
TW-1-10-05-09-08:03	148	1.0		5.0		10.0	
D0							
MW-53i-10-06-09-12:20	52	1.0		5.0		10.0	
5005 Jackson Rd-10-27-09-13:40	34	1.0		5.0		10.0	
A2 Cleaning Supply-10-01-09-13:45	91	1.0		5.0		10.0	
D2							
MW-4d-10-30-09-10:15	786	1.0		5.0		10.0	

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D2							
MW-11d-10-26-09-11:55	241	1.0		5.0		10.0	
MW-17-10-06-09-10:40	742	1.0		5.0		10.0	
MW-30i-10-12-09-10:50	nd	1.0		5.0		10.0	
MW-38d-10-07-09-14:10	82	1.0		5.0		10.0	
MW-39d-10-20-09-12:55	227	1.0		5.0		10.0	
MW-47s-10-15-09-13:15	nd	1.0		5.0		10.0	
MW-47d-10-15-09-13:35	nd	1.0		5.0		10.0	
MW-54s-10-07-09-10:55	nd	1.0		5.0		10.0	
MW-54d-10-07-09-10:30	66	1.0		5.0		10.0	
MW-56s-10-08-09-08:55	101	1.0		5.0		10.0	
MW-77-10-14-09-11:20	921	1.0		5.0		10.0	
MW-92-10-06-09-12:50	19	1.0		5.0		10.0	
MW-94s-10-22-09-10:30	1869	1.0		5.0		10.0	
MW-113-10-08-09-14:30	36	1.0		5.0		10.0	
MW-118-10-15-09-14:40	227	1.0		5.0		10.0	
MW-120s-10-15-09-09:40	nd	1.0		5.0		10.0	
MW-121s-10-14-09-09:20	nd	1.0		5.0		10.0	
MW-121d-10-14-09-09:55	nd	1.0		5.0		10.0	
MW-122s-10-16-09-14:35	53	1.0		5.0		10.0	
MW-122d-10-16-09-13:50	nd	1.0		5.0		10.0	
MW-123s-10-15-09-10:55	nd	1.0		5.0		10.0	
MW-BE-1s-10-20-09-11:30	378	1.0		5.0		10.0	
MW-BE-1d-10-20-09-12:00	4	1.0		5.0		10.0	
MW-KD-1s-10-14-09-12:15	32	1.0		5.0		10.0	
MW-KD-1d-10-14-09-12:45	150	1.0		5.0		10.0	
MW-KZ-1-10-16-09-10:50	nd	1.0		5.0		10.0	
545 Allison-10-07-09-11:40	16	1.0		5.0		10.0	
593 Allison-10-20-09-10:35	616	1.0		5.0		10.0	

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D2							
430 Barber West-10-14-09-10:40	84	1.0		5.0		10.0	
MW-400 Clarendon-10-16-09-12:15	nd	1.0		5.0		10.0	
456 Clarendon-10-06-09-14:35	865	1.0		5.0		10.0	
2652 Dexter Rd-10-07-09-12:10	32	1.0		5.0		10.0	
3225 Dexter Rd-10-07-09-09:30	nd	1.0		5.0		10.0	
3249 Dexter Rd-10-27-09-14:00	nd	1.0		5.0		10.0	
453 Dupont-10-07-09-11:10	3	1.0		5.0		10.0	
465 Dupont-10-16-09-11:35	1322	1.0		5.0		10.0	
3365 Jackson Rd-10-12-09-09:35	354	1.0		5.0		10.0	
175 Jackson Plaza-10-20-09-09:30	671	1.0		5.0		10.0	
305 Pinewood-10-06-09-14:25	nd	1.0		5.0		10.0	
E							
MW-30d-10-12-09-12:10	1287	1.0		5.0		10.0	
MW-64-10-26-09-10:50	57	1.0		5.0		10.0	
MW-65d-10-22-09-14:00	34	1.0		5.0		10.0	
MW-71-10-08-09-10:30	1582	1.0		5.0		10.0	
MW-72s-10-08-09-11:10	22	1.0		5.0		10.0	
MW-72d-10-08-09-11:50	2989	1.0		5.0		10.0	
MW-76s-10-13-09-13:40	164	1.0		5.0		10.0	
MW-76i-10-13-09-13:20	20	1.0		5.0		10.0	
MW-76d-10-13-09-12:45	3	1.0		5.0		10.0	
MW-79s-10-13-09-11:20	348	1.0		5.0		10.0	
MW-79d-10-13-09-10:50	3	1.0		5.0		10.0	
MW-82s-10-08-09-13:25	73	1.0		5.0		10.0	
MW-83s-10-06-09-10:10	533	1.0		5.0		10.0	
MW-84s-10-13-09-10:00	681	1.0		5.0		10.0	
MW-84d-10-13-09-09:30	nd	1.0		5.0		10.0	
MW-85-10-12-09-14:35	1910	1.0		5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
E							
MW-87s-10-05-09-09:30	598	1.0		5.0		10.0	
MW-87d-10-05-09-10:15	638	1.0	nd	5.0		10.0	
MW-88-10-09-09-13:50	363	1.0		5.0		10.0	
MW-90-10-13-09-14:05	55	1.0		5.0		10.0	
MW-94d-10-22-09-10:15	nd	1.0		5.0		10.0	
MW-95-10-22-09-12:50	87	1.0		5.0		10.0	
MW-96-10-22-09-11:30	75	1.0		5.0		10.0	
MW-98s-10-21-09-09:30	nd	1.0		5.0		10.0	
MW-98d-10-21-09-10:10	10	1.0		5.0		10.0	
MW-100-10-06-09-14:20	341	1.0		5.0		10.0	
MW-101-10-06-09-11:25	424	1.0		5.0		10.0	
MW-103s-10-19-09-13:30	42	1.0		5.0		10.0	
MW-103d-10-19-09-14:20	21	1.0		5.0		10.0	
MW-104-10-19-09-11:55	nd	1.0		5.0		10.0	
MW-105d-10-30-09-11:20	573	1.0		5.0		10.0	
MW-106s-10-27-09-12:05	590	1.0		5.0		10.0	
MW-106d-10-27-09-11:40	nd	1.0		5.0		10.0	
MW-107-10-15-09-14:00	39	1.0		5.0		10.0	
MW-108s-10-20-09-13:35	2147	1.0		5.0		10.0	
MW-108d-10-20-09-14:15	2700	1.0		5.0		10.0	
MW-110-10-19-09-12:25	32	1.0		5.0		10.0	
MW-115-10-05-09-14:10	808	1.0		5.0		10.0	
MW-116-10-05-09-13:30	520	1.0		5.0		10.0	
MW-117-10-08-09-13:55	1	1.0		5.0		10.0	
MW-119-10-12-09-13:50	279	1.0		5.0		10.0	
MW-120d-10-15-09-10:25	nd	1.0		5.0		10.0	
MW-123d-10-15-09-11:45	nd	1.0		5.0		10.0	
TW-11-10-06-09-11:23	319	1.0		5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
E							
TW-15-10-09-09-12:30	151	1.0		5.0		10.0	
SW							
MW-10d-10-26-09-14:30	927	1.0		5.0		10.0	
MW-45s-10-26-09-13:25	7	1.0		5.0		10.0	
MW-45d-10-26-09-13:40	850	1.0		5.0		10.0	
MW-48-10-21-09-13:15	133	1.0		5.0		10.0	
MW-52s-10-26-09-14:05	886	1.0		5.0		10.0	
MW-58s-10-07-09-13:35	214	1.0		5.0		10.0	
MW-78-10-21-09-11:00	35	1.0		5.0		10.0	
TW-4-10-27-09-09:55	32	1.0		5.0		10.0	
None							
HC/HR-10-01-09-08:10		1.0	nd	2.0		10.0	
HC/HR-10-02-09-08:30		1.0	nd	2.0		10.0	
HC/HR-10-05-09-08:00		1.0	nd	2.0		10.0	
HC/HR-10-06-09-08:10		1.0	nd	2.0		10.0	
HC/HR-10-07-09-08:40		1.0	nd	2.0		10.0	
HC/HR-10-08-09-07:55		1.0	nd	2.0		10.0	
HC/HR-10-09-09-08:00		1.0	nd	2.0		10.0	
HC/HR-10-12-09-08:00		1.0	nd	2.0		10.0	
HC/HR-10-13-09-07:50		1.0	nd	2.0		10.0	
HC/HR-10-14-09-08:15		1.0	nd	2.0		10.0	
HC/HR-10-15-09-07:55		1.0	nd	2.0		10.0	
HC/HR-10-16-09-07:45		1.0	nd	2.0		10.0	
HC/HR-10-19-09-08:15		1.0	nd	2.0		10.0	
HC/HR-10-20-09-07:55		1.0	nd	2.0		10.0	
HC/HR-10-21-09-07:55		1.0	nd	2.0		10.0	
HC/HR-10-22-09-08:40		1.0	nd	2.0		10.0	
HC/HR-10-23-09-08:25		1.0	nd	2.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
None							
HC/HR-10-26-09-08:20		1.0	nd	2.0		10.0	
HC/HR-10-27-09-08:05		1.0	nd	2.0		10.0	
HC/HR-10-28-09-08:25		1.0	nd	2.0		10.0	
HC/HR-10-29-09-08:30		1.0	nd	2.0		10.0	
HC/HR-10-30-09-08:10		1.0	nd	2.0		10.0	

nd=Not detected at or above the Reporting Limit (R.L.)

1,4-Dioxane Precision and Accuracy Control Charting

PR 11/03/09

Analysis Date	Method Blank	CVS True Value	CVS Result	CVS % Recovery	LFB True Value	LFB Result	LFB % Recovery	Sample Result	MS/MSD True Value	MS Result	MSD Result	MS % Recovery	MSD % Recovery	MS/MSD Mean	MS/MSD RSD	MS/MSD RPD
10/2/2009	0	10.00	9.90	99.0%	10.00	10.17	101.7%	4.56	10.00	14.78	15.05	102.2%	104.9%	14.92	1.81%	
10/5/2009	0	10.00	10.17	101.7%	10.00	10.33	103.3%	5.27	10.00	15.29	15.61	100.2%	103.4%	15.45	2.07%	
	0	10.00			10.00	10.20	102.0%		10.00							
10/6/2009	0	10.00	10.36	103.6%	10.00	10.87	108.7%	5.00	10.00	17.16	16.74	121.6% PR	117.4%	16.95	2.48%	
10/7/2009	0	10.00	10.18	101.8%	10.00	10.57	105.7%	5.20	10.00	15.91	16.14	107.1%	109.4%	16.03	1.44%	
	0	10.00	10.06	100.6%	10.00	10.50	105.0%		10.00							
10/12/2009	0	10.00	9.91	99.1%	10.00	10.40	104.0%	4.45	10.00	9.08	14.19	46.3% PR	97.4%	11.64	43.92%	
10/13/2009	0	10.00	10.07	100.7%	10.00	10.24	102.4%	4.71	10.00	15.51	14.80	108.0%	100.9%	15.16	4.68%	
	0	10.00	10.37	103.7%	10.00	10.48	104.8%		10.00							
	0	10.00	10.26	102.6%	10.00	10.84	108.4%	5.02	10.00	15.97	15.86	109.5%	108.4%	15.92	0.69%	
10/14/2009	0	10.00	10.17	101.7%	10.00	11.41	114.1%	4.90	10.00	15.89	15.46	109.9%	105.6%	15.68	2.74%	
10/15/2009	0	10.00	10.13	101.3%	10.00	10.44	104.4%	3.94	10.00	14.63	14.40	106.9%	104.6%	14.52	1.58%	
10/16/2009	0	10.00	10.25	102.5%	10.00	10.69	106.9%	4.87	10.00	14.95	14.73	100.8%	98.6%	14.84	1.48%	
10/19/2009	0	10.00	10.73	107.3%	10.00	10.92	109.2%	6.09	10.00	17.05	18.13	109.6%	120.4% PR	17.59	6.14%	
10/20/2009	0	10.00	10.75	107.5%	10.00	11.28	112.8%	5.04	10.00	16.58	16.70	115.4%	116.6%	16.64	0.72%	
10/21/2009	0	10.00	11.44	114.4%	10.00	11.49	114.9%	5.21	10.00	15.59	15.23	103.8%	100.2%	15.41	2.34%	
10/22/2009	0	10.00	11.56	115.6%	10.00	8.99	89.9%	6.91	10.00	18.47	17.59	115.6%	106.8%	18.03	4.88%	
10/23/2009	0	10.00	11.65	116.5%	10.00	11.09	110.9%	5.09	10.00	16.33	16.91	112.4%	118.2%	16.62	3.49%	
10/27/2009	0	10.00	10.43	104.3%	10.00	10.25	102.5%	4.24	10.00	13.98	14.30	97.4%	100.6%	14.14	2.26%	
10/28/2009	0	10.00	10.40	104.0%	10.00	9.42	94.2%	0.00	10.00	9.76	10.05	97.6%	100.5%	9.91	2.93%	
10/29/2009	0	10.00	9.67	96.7%	10.00	10.54	105.4%	5.61	10.00	15.08	14.43	94.7%	88.2%	14.76	4.41%	
10/30/2009	0	10.00	9.70	97.0%	10.00	9.56	95.6%	4.00	10.00	12.29	12.66	82.9%	86.6%	12.48	2.97%	

CVS Mean: **10.39** 2 Standard Dev.: **1.12** Upper Warning Limit: **11.50** Upper Control Limit: **12.06**
 CVS Standard Dev: **0.56** 3 Standard Dev.: **1.67** Lower Warning Limit: **9.27** Lower Control Limit: **8.71**

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

16-Oct-2009

Jessica Reade
Pall Life Sciences
600 South Wagner Road
Ann Arbor, MI 48103-9019

Tel: (734) 913-6531
Fax: (734) 913-6427

Re: Oxalic Acid Analysis 10/6/09

Work Order: 0910167

Dear Jessica,

ALS Laboratory Group received 1 sample on 07-Oct-2009 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 7.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: IL100452

ALS USA MI, CORP
Part of the **ALS Laboratory Group**
3352 128th Avenue Holland, Michigan 49424-9263
Phone: (616) 399-6070 Fax: (616) 399-6185
www.alsglobal.com
A Campbell Brothers Limited Company

Client: Pall Life Sciences
Project: Oxalic Acid Analysis 10/6/09
Work Order: 0910167

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0910167-01	Outfall 001	Water		10/6/2009 08:15	10/7/2009 10:00	<input type="checkbox"/>

Client: Pall Life Sciences
Project: Oxalic Acid Analysis 10/6/09
WorkOrder: 0910167

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

ALS Laboratory Group

Date: 16-Oct-09

Client: Pall Life Sciences
Project: Oxalic Acid Analysis 10/6/09

Work Order: 0910167

Lab ID: 0910167-01A
Client Sample ID: Outfall 001

Collection Date: 10/6/2009 8:15:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ORGANIC ACIDS BY HPLC Oxalic acid	ND		HPLC 150	µg/L	1	Analyst: RM 10/15/2009

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Laboratory Group

Date: 16-Oct-09

Client: Pall Life Sciences
 Work Order: 0910167
 Project: Oxalic Acid Analysis 10/6/09

QC BATCH REPORT

Batch ID: R71920 Instrument ID HPLC1 Method: SW8300M

MBLK		Sample ID: MB-R71920-R71920			Units: mg/L		Analysis Date: 10/15/2009			
Client ID:		Run ID: HPLC1_091015A			SeqNo: 1224479		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	ND	0.15								

LCS		Sample ID: LCS-R71920-R71920			Units: mg/L		Analysis Date: 10/15/2009			
Client ID:		Run ID: HPLC1_091015A			SeqNo: 1224480		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	444.2	0.15	500	0	88.8	80-120	0			

LCSD		Sample ID: LCSD-R71920-R71920			Units: mg/L		Analysis Date: 10/15/2009			
Client ID:		Run ID: HPLC1_091015A			SeqNo: 1224483		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	446.4	0.15	500	0	89.3	80-120	444.2	0.496	20	

MS		Sample ID: 0910149-01A MS			Units: mg/L		Analysis Date: 10/15/2009			
Client ID:		Run ID: HPLC1_091015A			SeqNo: 1224487		Prep Date:		DF: 2	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	562	0.30	500	0	112	75-125	0			

MSD		Sample ID: 0910149-01A MSD			Units: mg/L		Analysis Date: 10/15/2009			
Client ID:		Run ID: HPLC1_091015A			SeqNo: 1224488		Prep Date:		DF: 2	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	564.2	0.30	500	0	113	75-125	562	0.379	20	

The following samples were analyzed in this batch:

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Sample Receipt Checklist

Client Name: **PALL**

Date/Time Received: **07-Oct-09 10:00**

Work Order: **0910167**

Received by: **WJC**

Checklist completed by Bill Carey
eSignature

07-Oct-09
Date

Reviewed by: Ann Preston
eSignature

07-Oct-09
Date

Matrices: Water

Carrier name: UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

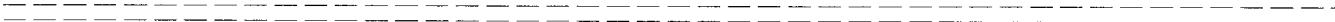
Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes:



Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: