

Analysis Report



Lancaster Laboratories
Where quality is a science.

ANALYTICAL RESULTS

Prepared for:

CRG-E.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Lancaster Pike & Route 141
Wilmington DE 19805
302-992-6768

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 771719. Samples arrived at the laboratory on Friday, July 27, 2001.
The PO# for this group is LBIO-64237 and the release number is LE767.

Client Description

WWK-CHRISSMAN_TAP Water Sample

Lancaster Labs Number

3655318

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

URS - Diamonds

Attn: ADQM AP Services

Questions? Contact your Client Services Representative
Nancy Bornholm at (717) 656-2300.

Respectfully Submitted,

Christine M. Dulaney
Sr. Chemist

ASH011728



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7215 Rev. 9/11/00

EID143231

Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. SW 3655318

Collected: 07/26/2001 09:15 by SO

Account Number: 07032

Submitted: 07/27/2001 09:55
Reported: 08/22/2001 at 13:27
Discard: 09/22/2001
WWK-CHRISMAN TAP Water Sample
CHRISMAN WELL 7/01

CRG-B.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Lancaster Pike & Route 141
Wilmington DE 19805

WKCHR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143 The recovery of the surrogates PFDDA and 11H-PFUA are outside the QC limits.	3825-26-1	0.296	0.029	ug/l	1
00495	GC/MS Confirm of FC-143 The recovery of FC-143 is outside the QC limits for the MS/MSD. The RPD between the MS/MSD is outside the QC criteria. The recovery was within the QC criteria for the associated LCS. The recovery of FC-143 was outside of QC limits in the MS associated with this sample. The relative percent difference for FC-143 between the MS/MSD was also outside of QC limits. The recovery was within QC limits in the LCS.	3825-26-1	0.36	0.10	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/BCD 10/91	1	08/06/2001 11:38	Michelle J. Kolodziejki	1
00495	GC/MS Confirm of FC-143	FC-143 by GC/MS	1	08/15/2001 10:30	Timothy Trees	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/01/2001 08:00	Deborah M. Zimmerman	1

ASH011729



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EID143232

Analysis Report



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Quality Control Summary

Page 1 of 2

Client Name: CRG-B.I. DuPont de Nemours & Co

Group Number: 771719

Reported: 08/22/01 at 01:27 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS AREC	LCSD AREC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 012120009A PC-143	Sample number(s): 3655318 0.076 J .03 ug/l			16		3-55		
Batch number: 01212WAX026 GC/MS Confirm of PC-143	Sample number(s): 3655318 N.D. .1 ug/l			45		3-55		

Sample Matrix Quality Control

Analysis Name	MS AREC	MSD AREC	MS/MSD Limits	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 012120009A PC-143	Sample number(s): 3655318 15* 21* 50-100			32*	30			
Batch number: 01212WAX026 GC/MS Confirm of PC-143	Sample number(s): 3655318 37* 57 50-100			45*	30			

Surrogate Quality Control

Analysis Name: PC-143 in Water
Batch number: 012120009A

	PFNA	11H-PFUA	PFDDA
3655318	18	3*	8*
Blank	12	2*	11*
LCS	16	3*	14*
MS	14	2*	14*
MSD	21	0*	20*
Limits:	1-50	13-88	50-150

Analysis Name: GCMS Confirm of PC-143 / Water
Batch number: 01212WAX026

	PFNA
3655318	23
Blank	14
LCS	19
MS	17
MSD	27
Limits:	1-50

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
The background result was more than four times the spike added.



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ASH011730

EYD143233

Analysis Report



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Quality Control Summary

Page 2 of 2

Client Name: CRG-B.I.DuPont de Nemours & Co
Reported: 08/22/01 at 01:27 PM

Group Number: 771719

ASH011731

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
The background result was more than four times the spike added.



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