

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			Herbicide	8151A		10/06/25	10/06/25	
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			Herbicide	8151A		10/06/25	10/06/25	
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3266

Order ID: Q3266

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031958.D	1	10/06/25 09:10	10/06/25 17:24	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	83.3	ug/Kg
120-36-5	DICHLORPROP	15.9	U	15.9	83.3	ug/Kg
94-75-7	2,4-D	11.2	U	11.2	83.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.3	U	11.3	83.3	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	83.3	ug/Kg
94-82-6	2,4-DB	30.1	U	30.1	83.3	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	324		10 - 141	65%	SPK: 500

Comments:

U = Not Detected

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031961.D	1	10/06/25 09:10	10/06/25 18:37	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	76.9	ug/Kg
120-36-5	DICHLORPROP	14.7	U	14.7	76.9	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	76.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	76.9	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	76.9	ug/Kg
94-82-6	2,4-DB	27.8	U	27.8	76.9	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	76.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	386		10 - 141	77%	SPK: 500

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031667.D	PIBLK-PS031667.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	525	105		61	136
I.BLK-PS031954.D	PIBLK-PS031954.D	2,4-DCAA	1	500	448	90		61	136
		2,4-DCAA	2	500	537	107		61	136
PB169991BL	PB169991BL	2,4-DCAA	1	500	444	89		10	141
		2,4-DCAA	2	500	486	97		10	141
PB169991BS	PB169991BS	2,4-DCAA	1	500	619	124		10	141
		2,4-DCAA	2	500	558	112		10	141
Q3266-01	ENV-3-6FT	2,4-DCAA	1	500	292	58		10	141
		2,4-DCAA	2	500	324	65		10	141
Q3266-01MS	ENV-3-6FTMS	2,4-DCAA	1	500	453	91		10	141
		2,4-DCAA	2	500	495	99		10	141
Q3266-01MSD	ENV-3-6FTMSD	2,4-DCAA	1	500	532	106		10	141
		2,4-DCAA	2	500	502	100		10	141
Q3266-02	ENV-4-6FT	2,4-DCAA	1	500	386	77		10	141
		2,4-DCAA	2	500	167	33		10	141
I.BLK-PS031967.D	PIBLK-PS031967.D	2,4-DCAA	1	500	488	98		61	136
		2,4-DCAA	2	500	547	109		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031959.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result				Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3266-01MS (Column 1)	Client Sample ID:	ENV-3-6FTMS										
	DICAMBA	207.1	0	93.9	ug/Kg	45				10		112	
	DICHLORPROP	207.1	0	104	ug/Kg	50				10		113	
	2,4-D	207.1	0	117	ug/Kg	56				10		144	
	2,4,5-TP(Silvex)	207.1	0	108	ug/Kg	52				10		114	
	2,4,5-T	207.1	0	108	ug/Kg	52				10		115	
	2,4-DB	207.1	0	93.1	ug/Kg	45				10		140	
	Dinoseb	207.1	0	0	ug/Kg	0	*			10		118	
Lab Sample ID:	Q3266-01MS (Column 2)	Client Sample ID:	ENV-3-6FTMS										
	DICAMBA	207.1	0	99.3	ug/Kg	48				10		112	
	DICHLORPROP	207.1	0	107	ug/Kg	52				10		113	
	2,4-D	207.1	0	122	ug/Kg	59				10		144	
	2,4,5-TP(Silvex)	207.1	0	115	ug/Kg	56				10		114	
	2,4,5-T	207.1	0	97.6	ug/Kg	47				10		115	
	2,4-DB	207.1	0	79.3	ug/Kg	38				10		140	
	Dinoseb	207.1	0	0	ug/Kg	0	*			10		118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031960.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result	Result				Qual	RPD		High		
Lab Sample ID:	Q3266-01MSD (Column 1)	Client Sample ID:		ENV-3-6FTMSD									
	DICAMBA	206.9	0	98.7	ug/Kg	48		6		10	112		20
	DICHLORPROP	206.9	0	110	ug/Kg	53		6		10	113		20
	2,4-D	206.9	0	124	ug/Kg	60		7		10	144		20
	2,4,5-TP(Silvex)	206.9	0	112	ug/Kg	54		4		10	114		20
	2,4,5-T	206.9	0	114	ug/Kg	55		6		10	115		20
	2,4-DB	206.9	0	98.3	ug/Kg	48		6		10	140		20
	Dinoseb	206.9	0	0	ug/Kg	0	*	0		10	118		20
Lab Sample ID:	Q3266-01MSD (Column 2)	Client Sample ID:		ENV-3-6FTMSD									
	DICAMBA	206.9	0	106	ug/Kg	51		6		10	112		20
	DICHLORPROP	206.9	0	95.1	ug/Kg	46		12		10	113		20
	2,4-D	206.9	0	129	ug/Kg	62		5		10	144		20
	2,4,5-TP(Silvex)	206.9	0	121	ug/Kg	58		4		10	114		20
	2,4,5-T	206.9	0	102	ug/Kg	49		4		10	115		20
	2,4-DB	206.9	0	76.3	ug/Kg	37		3		10	140		20
	Dinoseb	206.9	0	0	ug/Kg	0	*	0		10	118		20

**SW-846**

Datafile : PS031957.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB169991BS (Column 1)	DICAMBA	166.6	195	ug/Kg	117				72	129
	DICHLORPROP	166.6	192	ug/Kg	115				77	135
	2,4-D	166.6	207	ug/Kg	124				65	144
	2,4,5-TP(Silvex)	166.6	199	ug/Kg	119				74	146
	2,4,5-T	166.6	195	ug/Kg	117				77	134
	2,4-DB	166.6	161	ug/Kg	97				72	122
	Dinoseb	166.6	216	ug/Kg	130				74	132
PB169991BS (Column 2)	DICAMBA	166.6	188	ug/Kg	113				72	129
	DICHLORPROP	166.6	193	ug/Kg	116				77	135
	2,4-D	166.6	171	ug/Kg	103				65	144
	2,4,5-TP(Silvex)	166.6	192	ug/Kg	115				74	146
	2,4,5-T	166.6	175	ug/Kg	105				77	134
	2,4-DB	166.6	154	ug/Kg	92				72	122
	Dinoseb	166.6	214	ug/Kg	128				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169991BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169991BL

Lab File ID: PS031956.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/06/2025

Date Analyzed (1): 10/06/2025

Date Analyzed (2): 10/06/2025

Time Analyzed (1): 16:36

Time Analyzed (2): 16:36

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169991BS	PB169991BS	PS031957.D	10/06/2025	10/06/2025
ENV-3-6FT	Q3266-01	PS031958.D	10/06/2025	10/06/2025
ENV-3-6FTMS	Q3266-01MS	PS031959.D	10/06/2025	10/06/2025
ENV-3-6FTMSD	Q3266-01MSD	PS031960.D	10/06/2025	10/06/2025
ENV-4-6FT	Q3266-02	PS031961.D	10/06/2025	10/06/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169991BL		SDG No.:	Q3266	
Lab Sample ID:	PB169991BL		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031956.D	1	10/06/25 09:10	10/06/25 16:36	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	486		10 - 141	97%	SPK: 500

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/09/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/09/25
Client Sample ID:	PIBLK-PS031667.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031667.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031667.D	1		09/09/25	Ps090925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	525		61 - 136	105%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/06/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/06/25
Client Sample ID:	PIBLK-PS031954.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031954.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031954.D	1		10/06/25	PS100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	537		61 - 136	107%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/06/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/06/25
Client Sample ID:	PIBLK-PS031967.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031967.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031967.D	1		10/06/25	PS100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	547		61 - 136	109%	SPK: 500

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169991BS		SDG No.:	Q3266	
Lab Sample ID:	PB169991BS		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031957.D	1	10/06/25 09:10	10/06/25 17:00	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	195		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	193		12.8	67.0	ug/Kg
94-75-7	2,4-D	207		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	199		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	195		8.70	67.0	ug/Kg
94-82-6	2,4-DB	161		24.2	67.0	ug/Kg
88-85-7	DINOSEB	216		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	619		10 - 141	124%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031959.D	1	10/06/25 09:10	10/06/25 17:48	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	99.3		9.60	83.3	ug/Kg
120-36-5	DICHLORPROP	107		15.9	83.3	ug/Kg
94-75-7	2,4-D	122		11.2	83.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	115		11.3	83.3	ug/Kg
93-76-5	2,4,5-T	108		10.8	83.3	ug/Kg
94-82-6	2,4-DB	93.1		30.1	83.3	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	495		10 - 141	99%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031960.D	1	10/06/25 09:10	10/06/25 18:13	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	106		9.60	83.2	ug/Kg
120-36-5	DICHLORPROP	110		15.9	83.2	ug/Kg
94-75-7	2,4-D	129		11.2	83.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	121		11.2	83.2	ug/Kg
93-76-5	2,4,5-T	114		10.8	83.2	ug/Kg
94-82-6	2,4-DB	98.3		30.0	83.2	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	532		10 - 141	106%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
		Calibration Times:	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031668.D</u>	RT 500 = <u>PS031669.D</u>
RT 750 = <u>PS031670.D</u>	RT 1000 = <u>PS031671.D</u>	RT 1500 = <u>PS031672.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	9.59	9.59	9.58	9.58	9.58	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.29	9.29	9.29	9.29	9.29	9.19	9.39
2,4-D	8.42	8.42	8.41	8.41	8.41	8.42	8.32	8.52
2,4-DB	10.17	10.16	10.16	10.16	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.29	7.29	7.29	7.28	7.29	7.19	7.39
DICAMBA	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
DICHLORPROP	8.18	8.18	8.18	8.18	8.18	8.18	8.08	8.28
Dinoseb	11.36	11.36	11.35	11.35	11.35	11.35	11.25	11.45

A
B
C
D
E
F
G
H

Calibration Times: 11:32 13:08

LAB FILE ID:	RT 200 =	<u>PS031668.D</u>	RT 500 =	<u>PS031669.D</u>
	RT 750 =	PS031670.D	RT 1000 =	PS031671.D
			RT 1500 =	PS031672.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18734000000	18653300000	18251400000	18101700000	17750400000	18298200000	2
2,4,5-TP(Silvex)	23314400000	21668300000	20672900000	19997800000	19215100000	20973700000	8
2,4-D	3623310000	3886470000	3301510000	3166900000	3150010000	3425640000	9
2,4-DB	2215860000	2277540000	2345860000	2369030000	2455540000	2332770000	4
2,4-DCAA	3985360000	3774560000	3531130000	3388800000	3327800000	3601530000	8
DICAMBA	16633500000	16133000000	15486500000	15011700000	14718800000	15596700000	5
DICHLORPROP	4107570000	3655200000	3455830000	3338320000	3251900000	3561760000	10
Dinoseb	16371900000	14378500000	14193200000	13808700000	13361200000	14422700000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	14154100000	13509200000	13386200000	13315900000	12919700000	13457000000	3
2,4,5-TP(Silvex)	16378200000	15425200000	14913400000	14552800000	14002000000	15054300000	6
2,4-D	1798080000	1663870000	1619090000	1589690000	1554820000	1645110000	6
2,4-DB	1289240000	1029100000	1017980000	1016850000	997058000	1070040000	12
2,4-DCAA	975058000	912799000	892983000	889945000	873713000	908899000	4
DICAMBA	6906160000	6561550000	6431490000	6357940000	6277100000	6506850000	4
DICHLORPROP	1500950000	1530980000	1472190000	1385470000	1385720000	1455060000	5
Dinoseb	10286300000	9393960000	9690760000	9609050000	9623390000	9720680000	3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Continuing Calib Date: 10/06/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 13:01

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.47	7.47	7.37	7.57	0.00
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.16	10.16	10.06	10.26	0.00
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Continuing Calib Date: 10/06/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 13:01

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.93	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031955.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.581	9.483	9.683	760.830	712.500	6.8
2,4,5-TP(Silvex)	9.283	9.185	9.385	762.520	712.500	7.0
2,4-D	8.414	8.314	8.514	743.080	705.000	5.4
2,4-DB	10.158	10.058	10.258	641.100	712.500	-10.0
2,4-DCAA	7.281	7.185	7.385	737.370	750.000	-1.7
DICAMBA	7.465	7.369	7.569	749.580	705.000	6.3
DICHLORPROP	8.174	8.077	8.277	724.470	705.000	2.8
Dinoseb	11.350	11.254	11.454	833.610	705.000	18.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031955.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.316	10.221	10.421	694.530	712.500	-2.5
2,4,5-TP(Silvex)	9.886	9.793	9.993	736.230	712.500	3.3
2,4-D	8.996	8.900	9.100	683.870	705.000	-3.0
2,4-DB	10.885	10.790	10.990	618.050	712.500	-13.3
2,4-DCAA	7.737	7.643	7.843	716.040	750.000	-4.5
DICAMBA	7.932	7.839	8.039	728.270	705.000	3.3
DICHLORPROP	8.652	8.559	8.759	736.180	705.000	4.4
Dinoseb	11.258	11.166	11.366	839.330	705.000	19.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Continuing Calib Date: 10/06/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 21:26

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Continuing Calib Date: 10/06/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 21:26

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031968.D **Time Analyzed:** 21:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.483	9.683	794.500	712.500	11.5
2,4,5-TP(Silvex)	9.280	9.185	9.385	753.880	712.500	5.8
2,4-D	8.409	8.314	8.514	813.770	705.000	15.4
2,4-DB	10.152	10.058	10.258	792.790	712.500	11.3
2,4-DCAA	7.280	7.185	7.385	783.380	750.000	4.5
DICAMBA	7.464	7.369	7.569	742.370	705.000	5.3
DICHLORPROP	8.171	8.077	8.277	727.460	705.000	3.2
Dinoseb	11.345	11.254	11.454	787.330	705.000	11.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031968.D **Time Analyzed:** 21:26

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	727.990	712.500	2.2
2,4,5-TP(Silvex)	9.889	9.793	9.993	741.760	712.500	4.1
2,4-D	8.998	8.900	9.100	714.010	705.000	1.3
2,4-DB	10.886	10.790	10.990	632.870	712.500	-11.2
2,4-DCAA	7.741	7.643	7.843	754.270	750.000	0.6
DICAMBA	7.936	7.839	8.039	732.070	705.000	3.8
DICHLORPROP	8.655	8.559	8.759	744.960	705.000	5.7
Dinoseb	11.260	11.166	11.366	798.080	705.000	13.2

Analytical Sequence

Client: CDM Smith

SDG No.: Q3266

Project: MWCO CJO WTP Edison 295110

Instrument ID: ECD_S

GC Column: RTX-CLP

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/09/2025 09/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.29	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.29	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.29	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.29	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.29	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.28	0.00
IBLK	IBLK	10/06/2025	10:15	PS031954.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	13:01	PS031955.D	7.28	0.00
PB169991BL	PB169991BL	10/06/2025	16:36	PS031956.D	7.28	0.00
PB169991BS	PB169991BS	10/06/2025	17:00	PS031957.D	7.28	0.00
ENV-3-6FT	Q3266-01	10/06/2025	17:24	PS031958.D	7.28	0.00
ENV-3-6FTMS	Q3266-01MS	10/06/2025	17:48	PS031959.D	7.28	0.00
ENV-3-6FTMSD	Q3266-01MSD	10/06/2025	18:13	PS031960.D	7.28	0.00
ENV-4-6FT	Q3266-02	10/06/2025	18:37	PS031961.D	7.28	0.00
IBLK	IBLK	10/06/2025	21:02	PS031967.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	21:26	PS031968.D	7.28	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.75	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.75	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.74	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.74	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.74	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.74	0.00
IBLK	IBLK	10/06/2025	10:15	PS031954.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	13:01	PS031955.D	7.74	0.00
PB169991BL	PB169991BL	10/06/2025	16:36	PS031956.D	7.74	0.00
PB169991BS	PB169991BS	10/06/2025	17:00	PS031957.D	7.74	0.00
ENV-3-6FT	Q3266-01	10/06/2025	17:24	PS031958.D	7.75	0.00
ENV-3-6FTMS	Q3266-01MS	10/06/2025	17:48	PS031959.D	7.74	0.00
ENV-3-6FTMSD	Q3266-01MSD	10/06/2025	18:13	PS031960.D	7.74	0.00
ENV-4-6FT	Q3266-02	10/06/2025	18:37	PS031961.D	7.74	0.00
IBLK	IBLK	10/06/2025	21:02	PS031967.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	21:26	PS031968.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MS

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.17	8.12	8.22	104	2.8
	2	8.66	8.61	8.71	107	
2,4-D	1	8.42	8.37	8.47	117	4.2
	2	9.00	8.95	9.05	122	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	108	6.3
	2	9.89	9.84	9.94	115	
2,4,5-T	1	9.58	9.53	9.63	108	10.1
	2	10.32	10.27	10.37	97.6	
2,4-DB	1	10.16	10.11	10.21	93.1	16
	2	10.89	10.84	10.94	79.3	
DICAMBA	1	7.46	7.41	7.51	93.9	5.6
	2	7.94	7.89	7.99	99.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MSD

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	112	7.7
	2	9.89	9.84	9.94	121	
2,4,5-T	1	9.58	9.53	9.63	114	11.1
	2	10.32	10.27	10.37	102	
DICHLORPROP	1	8.17	8.12	8.22	110	14.5
	2	8.66	8.61	8.71	95.1	
2,4-D	1	8.41	8.36	8.46	124	4
	2	9.00	8.95	9.05	129	
2,4-DB	1	10.16	10.11	10.21	98.3	25.2
	2	10.89	10.84	10.94	76.3	
DICAMBA	1	7.46	7.41	7.51	98.7	7.1
	2	7.94	7.89	7.99	106	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169991BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169991BS

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.58	9.53	9.63	195	10.8
	2	10.32	10.27	10.37	175	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	199	3.6
	2	9.89	9.84	9.94	192	
2,4-D	1	8.42	8.37	8.47	207	19
	2	9.01	8.96	9.06	171	
2,4-DB	1	10.16	10.11	10.21	161	4.4
	2	10.89	10.84	10.94	154	
DICHLORPROP	1	8.17	8.12	8.22	192	0.5
	2	8.66	8.61	8.71	193	
Dinoseb	1	11.35	11.30	11.40	216	0.9
	2	11.26	11.21	11.31	214	
DICAMBA	1	7.47	7.42	7.52	195	3.7
	2	7.94	7.89	7.99	188	