



Weck Laboratories

Catalog of Services

Statement of Qualifications

Certifications

Quality Assurance Manual

Laboratory Photo Tour

Newsletter Archives

# Weck Laboratories is USEPA Approved For All 5 UCMR2 Methods !

- ✓ One of First & Few in the Nation to be Approved for All Methods
- ✓ All Methods are Performed In-House at Weck Laboratories
- ✓ Facility & Instruments are New & "State-of-the-Art"
- ✓ EPA Proficiency Test Samples PASS with 100% Score!
- ✓ CDX Data Successfully Uploaded with Experience from UCMR1
- ✓ Sampling Schedules Monitored to Insure Laboratory Capacity
- ✓ Knowledgeable Project Manager Assigned to Your Account
- ✓ Guaranteed Reservations for Contractual Commitments
- ✓ Laboratory Information Management System (LIMS) insures smooth and error-free movement of data from sample receipt through analysis, review & reporting

Laboratory Name	Assessment Monitoring List 1		Screening Survey List 2		
	EPA 527	EPA 529	EPA 521	EPA 525.2	EPA 535
<b>LabID:</b> CA00211 Weck Laboratories, Inc. 14859 E. Clark Ave. Industry, CA 91745-1396	X	X	X	X	X

The following pages provide:

**Analytical Method Details** - which includes: target compounds, reporting limits, statistical method detection limits & other QC information.

**Sampling Guide** - which includes: containers, volumes, preservatives, holding times

**USEPA Approval Letter** with methods listed

**Proficiency Test Study No. 1** results 100% passing!

For Technical Information, Quotations, Contracting or Scheduling of UCMR2 Analytical Programs, please contact either of the following:

Leo Raab – Business Development Manager  
 805-760-4548 or [leo@wecklabs.com](mailto:leo@wecklabs.com)

Marilyn Romero – Customer Service Manager  
 626-336-2139 x106 or [marilyn@wecklabs.com](mailto:marilyn@wecklabs.com)

## Analytical Method Details - Weck Laboratories, Inc

Method	Analyte	MDL	MRL Units	Surr. %R	DUP RPD	Matrix Spike %R	RPD	Blank Spike %R	RPD	CAS #
<b>Acetanilide Pesticide Parent Compounds EPA 525.2</b>										
<b>in Water</b>										
EPA 525.2	Acetochlor	0.29	2.0 ug/l	-	-	70-130	30	70-130	30	34256-82-1
EPA 525.2	Alachlor	0.070	2.0 ug/l	-	-	68-141	30	70-130	30	15972-60-8
EPA 525.2	Metolachlor	0.056	1.0 ug/l	-	-	64-149	30	70-130	30	5121-84-52
EPA 525.2	1,3-Dimethyl-2-NB		Surrogate	73-136	-	-	-	-	-	81-20-9
EPA 525.2	Perylene-d12		Surrogate	48-141	-	-	-	-	-	1520-96-3
EPA 525.2	Triphenyl phosphate		Surrogate	71-150	-	-	-	-	-	115-86-6
<b>Chloroacetanilide/Acetamide Herbicide Degradates by EPA 535</b>										
<b>in Water</b>										
EPA 535	Acetochlor ESA	0.30	1.0 ug/l	-	30	1-200	30	70-130	30	187022-11-3
EPA 535	Acetochlor OA	0.15	2.0 ug/l	-	30	1-200	30	70-130	30	184992-44-4
EPA 535	Alachlor ESA	0.22	1.0 ug/l	-	30	1-200	30	70-130	30	142363-53-9
EPA 535	Alachlor OA	0.14	2.0 ug/l	-	30	1-200	30	70-130	30	171262-17-2
EPA 535	Metolachlor ESA	0.26	1.0 ug/l	-	30	1-200	30	70-130	30	171118-09-5
EPA 535	Metolachlor OA	0.15	2.0 ug/l	-	30	1-200	30	70-130	30	152019-73-3
EPA 535	Dimethachlor ESA		Surrogate	70-130	-	-	-	-	-	
<b>Explosives and Related Compounds by GC/MS, EPA 529</b>										
<b>in Water</b>										
EPA 529	1,3-Dinitrobenzene	0.10	0.80 ug/l	-	-	1-200	30	70-130	30	528-29-0
EPA 529	TNT	0.080	0.80 ug/l	-	-	1-200	30	70-130	30	118-96-7
EPA 529	RDX	0.050	1.0 ug/l	-	-	1-200	30	70-130	30	121-82-4
EPA 529	Nitrobenzene-d5		Surrogate	70-130	-	-	30	70-130	30	4165-60-0
EPA 529	1,3,5-Trimethyl-2-nitrobenzene		Surrogate	70-130	-	-	30	70-130	30	603-71-4
EPA 529	1,2,4-Trimethyl-5-nitrobenzene		Surrogate	70-130	-	-	30	70-130	30	610-91-3
<b>Nitrosamines by CI GC/MS/MS, EPA 521</b>										
<b>in Water</b>										
EPA 521	N-Nitrosodimethylamine	0.00069	0.0020 ug/l	-	-	70-130	30	70-130	30	62-75-9
EPA 521	N-Nitrosomethylethylamine	0.00023	0.0030 ug/l	-	-	70-130	30	70-130	30	10595-95-6
EPA 521	N-Nitrosodiethylamine	0.00072	0.0050 ug/l	-	-	70-130	30	70-130	30	55-18-5
EPA 521	N-Nitrosodi-n-propylamine	0.00056	0.0070 ug/l	-	-	70-130	30	70-130	30	621-64-7
EPA 521	N-Nitrosopyrrolidine	0.00031	0.0020 ug/l	-	-	70-130	30	70-130	30	930-55-2
EPA 521	N-Nitrosodi-n-butylamine	0.00061	0.0040 ug/l	-	-	70-130	30	70-130	30	924-16-3
EPA 521	NDMA-d6		Surrogate	70-130	-	-	-	-	-	NA
<b>Pesticides and Flame Retardants by GC/MS, EPA 527</b>										
<b>in Water</b>										
EPA 527	Dimethoate	0.11	0.70 ug/l	-	-	1-200	30	70-130	30	60-51-5
EPA 527	Terbufos sulfone	0.060	0.40 ug/l	-	-	1-200	30	70-130	30	56070-16-7
EPA 527	BDE-47	0.080	0.30 ug/l	-	-	1-200	30	70-130	30	
EPA 527	BDE-100	0.080	0.50 ug/l	-	-	1-200	30	70-130	30	
EPA 527	BDE-99	0.10	0.90 ug/l	-	-	1-200	30	70-130	30	
EPA 527	BDE-153	0.060	0.80 ug/l	-	-	1-200	30	70-130	30	
EPA 527	1,3-Dimethyl-2-NB		Surrogate	70-130	-	-	-	-	-	81-20-9
EPA 527	Triphenyl phosphate		Surrogate	70-130	-	-	-	-	-	115-86-6
EPA 527	Perylene-d12		Surrogate	70-130	-	-	-	-	-	1520-96-3
EPA 527	245-HBB	0.080	0.70 ug/l	70-130	-	1-200	30	70-130	30	

## Sampling Guide - Weck Laboratories, Inc

Analysis	SpecificMethod	Container	Preservation	Hold (days)	Amount Needed
<b>Acetanilide Pesticide Parent Compounds EPA 525.2 in Water</b>					
525.2 UCMR_2	EPA 525.2	1 L Amber Glass - 525	<6°C, Sulfite (If Chlorinated), HCl	14	2000 mL
<b>Chloroacetanilide/Acetamide Herbicide Degradates by EPA 535 in Water</b>					
535 UCMR_2	EPA 535	500 mL Amber Glass - 535	<6°C, NH4Cl	14	500 mL
<b>Explosives and Related Compounds by GC/MS, EPA 529 in Water</b>					
529 UCMR_2	EPA 529	1 L Amber Glass - 529	<6°C, CuSO4+Trizma	14	2000 mL
<b>Nitrosamines by CI GC/MS/MS, EPA 521 in Water</b>					
521 UCMR_2	EPA 521	500 mL Amber Glass - 521	<6°C, Na2S2O3 (If Chlorinated)	14	1000 ml
<b>Pesticides and Flame Retardants by GC/MS, EPA 527 in Water</b>					
527 UCMR_2	EPA 527	1 L Amber Glass - 527	<6°C, Ascorbic, EDTA, KH2Citrate	14	2000 mL



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
CINCINNATI, OHIO 45268

Office of Ground Water and Drinking Water  
Technical Support Center

January 12, 2007

Weck Laboratories, Inc.  
14859 E. Clark Ave.  
Industry, CA 91745-1396

Dear Alan Ching,

Listed below are the methods for which you have received EPA approval to perform analyses, as part of the UCMR 2. This approval is based on the review of your laboratory's submitted application(s) for the listed method(s) and successful participation in a UCMR 2 proficiency testing (PT) study for the applicable method. The criteria used for the evaluation of your applications and PTs are given in the UCMR 2 Laboratory Approval Manual (v2.0).

**LabID: CA00211**

<b>Method Parameters</b>	<b>Method</b>	<b>Approval Date</b>
Acetanilide Pesticide Degradation Products	EPA 535	1/4/2007
Explosives and Related Compounds	EPA 529	1/4/2007
Pesticides and Flame Retardants	EPA 527	1/4/2007
Acetanilide Pesticide Parent Compounds	EPA 525.2	1/4/2007
Nitrosamines	EPA 521	1/4/2007

**End of Method List**

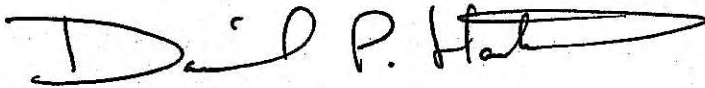
The information will also be forwarded to the UCMR 2 Webmaster for inclusion in the list of UCMR 2 approved laboratories. Your approval status will be maintained during the UCMR 2 by continuing to meet the criteria given in Section 11 of the UCMR 2 Laboratory Approval Manual (v2.0). Please be aware that you are only permitted to conduct UCMR 2 analyses using those methods for which you have EPA approval.



Should you wish to comment on any of these determinations, please write to:

UCMR 2 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel P. Hautman". The signature is stylized with a large, sweeping initial "D" and a long horizontal flourish at the end.

Daniel P. Hautman  
UCMR Implementation Team Leader



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
CINCINNATI, OHIO 45268

Office of Ground Water and Drinking Water  
Technical Support Center

November 7, 2006

Weck Laboratories, Inc.  
14859 E. Clark Ave.  
Industry, CA 91745-1396

Dear Alan Ching,

Attached to this cover page are the results for UCMR 2 proficiency testing study, PT Study 1. This table lists the true value for the analyte, the lower acceptance limit, the upper acceptance limit, your laboratory's reported value and EPA's determination of pass/fail for each analyte. The criteria used for the evaluation of your reported results are given in Section 8 of the UCMR 2 Laboratory Approval Manual. If your laboratory failed one or more of the analytes for which you submitted results, your laboratory will automatically be sent an ampul for the associated method(s) during the next study. Laboratories should anticipate PT Study 2 in December 2006.

Should you wish to comment on any of these determinations, please write to:

UCMR 2 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268

Sincerely,

A handwritten signature in blue ink that reads "R. Kent Sorrell".

R. Kent Sorrell, Chemist  
Technical Support Center

Attachment: UCMR 2 Proficiency Testing Study 1 Results

UCMR 2 Proficiency Testing Study 1 Results

November 7, 2006

Lab ID: CA00211

PT Study #	Analyte Name	Analyte ID	Your PT Result	TrueValue	Low Accepted	High Accepted	PT Analyte Result
UCMR_PT01	TNT	U008	4.68000	5.6	3.36	7.84	Pass
UCMR_PT01	Alachlor OA	U009	3.90000	4.01	2.406	5.614	Pass
UCMR_PT01	Acetochlor ESA	U010	6.41000	6.02	3.612	8.428	Pass
UCMR_PT01	Acetochlor OA	U011	7.89000	8.02	4.812	11.228	Pass
UCMR_PT01	Metolachlor ESA	U012	9.06000	9.82	5.892	13.748	Pass
UCMR_PT01	Metolachlor OA	U013	11.80000	12	7.2	16.8	Pass
UCMR_PT01	NDEA	U014	0.03900	0.035	0.021	0.049	Pass
UCMR_PT01	NDBA	U015	0.00800	0.01	0.006	0.014	Pass
UCMR_PT01	NMEA	U016	0.01100	0.00897	0.005382	0.012558	Pass
UCMR_PT01	NPYR	U017	0.02200	0.019	0.0114	0.0266	Pass

UCMR 2 Proficiency Testing Study 1 Results

November 7, 2006

Lab ID: CA00211

PT Study #	Analyte Name	Analyte ID	Your PT Result	TrueValue	Low Accepted	High Accepted	PT Analyte Result
UCMR_PT01	Alachlor ESA	2004	4.25000	5.01	3.006	7.014	Pass
UCMR_PT01	Acetochlor	2027	9.70000	8.42	5.052	11.788	Pass
UCMR_PT01	Metolachlor	2045	5.06000	4.76	2.856	6.664	Pass
UCMR_PT01	Alachlor	2051	7.58000	6.46	3.876	9.044	Pass
UCMR_PT01	RDX	2096	2.65000	3.2	1.92	4.48	Pass
UCMR_PT01	Dimethoate	2221	3.33000	5.49	3.294	7.686	Pass
UCMR_PT01	NDMA	2314	0.01100	0.0119	0.00714	0.01666	Pass
UCMR_PT01	NDPA	2316	0.06300	0.0549	0.03294	0.07686	Pass
UCMR_PT01	Terbufos sulfone	U001	2.54000	2.82	1.692	3.948	Pass
UCMR_PT01	BDE-47	U002	3.31000	3.05	1.83	4.27	Pass
UCMR_PT01	BDE-99	U003	3.24000	3.3	1.98	4.62	Pass
UCMR_PT01	HBB	U004	3.82000	4.25	2.55	5.95	Pass
UCMR_PT01	BDE-153	U005	2.62000	1.93	1.158	2.702	Pass
UCMR_PT01	BDE-100	U006	1.41000	1.39	0.834	1.946	Pass
UCMR_PT01	1,3-dinitrobenzene	U007	2.31000	2.99	1.794	4.186	Pass