

EPA-APPROVED MISSOURI NONREGULATORY SIP PROVISIONS—Continued

Name of non-regulatory SIP revision	Applicable geographic or non-attainment area	State submittal date	EPA approval date	Explanation
(60) Section 128 Declaration: Missouri Air Conservation Commission Representation and Conflicts of Interest Provisions; Missouri Revised Statutes (RSMo) RSMo 105.450, RSMo 105.452, RSMo 105.454, RSMo 105.462, RSMo 105.463, RSMo 105.466, RSMo 105.472, and RSMo 643.040.2.	Statewide .....	8/08/2012	6/21/2013 [INSERT CITATION OF PUBLICATION].	

[FR Doc. 2013-14755 Filed 6-20-13; 8:45 am]  
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**ENVIRONMENTAL PROTECTION AGENCY**

**40 CFR Part 141**

[EPA-HQ-OW-2013-0300; FRL-9818-2]

**Expedited Approval of Alternative Test Procedures for the Analysis of Contaminants Under the Safe Drinking Water Act; Analysis and Sampling Procedures**

*Correction*

In rule document 2013-12729, appearing on pages 32558-32574 in the

issue of Friday, May 31, 2013, make the following correction:

**PART 141—[CORRECTED]**

Beginning on page 32570, with the table entitled “ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.25(A)”, the tables are corrected to read as set forth below:

**ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.25(a)**

Contaminant	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	ASTM <sup>4</sup>	
Naturally Occurring: Gross alpha and beta .....	Evaporation .....	7110 B .....	7110 B .....	D3454-05 D2460-07	
	Gross alpha .....	Coprecipitation .....	7110 C .....		
	Radium 226 .....	Radon emanation .....	7500-Ra C .....		7500-Ra C .....
	Radium 228 .....	Radiochemical .....	7500-Ra B .....		7500-Ra B .....
		Radiochemical .....	7500-Ra D .....		7500-Ra D .....
	Uranium .....	Radiochemical .....	7500-U B .....		7500-U B .....
		ICP-MS .....	3125 .....		3125 .....
		Alpha spectrometry .....	7500-U C .....		7500-U C .....
		Laser Phosphorimetry .....	.....		.....
	Man-Made: Radioactive Cesium .....	Radiochemical .....	7500-Cs B .....		7500-Cs B .....
Gamma Ray Spectrometry .....		7120 .....	7120 .....		
Radioactive Iodine .....	Radiochemical .....	7500-I B .....	7500-I B .....		
		7500-I C .....	7500-I C .....		
		7500-I D .....	7500-I D .....		
		7500-I D .....	7500-I D .....		
Radioactive Strontium 89, 90 .....	Gamma Ray Spectrometry .....	7120 .....	7120 .....	D4785-08	
	Radiochemical .....	7500-Sr B .....	7500-Sr B .....		
Tritium .....	Liquid Scintillation .....	7500- <sup>3</sup> H B .....	7500- <sup>3</sup> H B .....	D4107-08 D3649-06 D4785-08	
		7120 .....	7120 .....		
		7500-Cs B .....	7500-Cs B .....		
Gamma Emitters .....	Gamma Ray Spectrometry .....	7500-I B .....	7500-I B .....		

**ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.74(a)(1)**

Organism	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	Other
Total Coliform .....	Total Coliform Fermentation Technique .....	9221 A, B, C .....	9221 A, B, C .....	
	Total Coliform Membrane Filter Technique .....	9222 A, B, C.		
Fecal Coliforms .....	ONPG-MUG Test .....	9223 .....	9223 B .....	
	Fecal Coliform Procedure .....	9221 E .....	9221 E .....	
Heterotrophic bacteria .....	Fecal Coliform Filter Procedure .....	9222 D .....	9222 D .....	
	Pour Plate Method .....	9215 B .....	9215 B .....	
Turbidity .....	Nephelometric Method .....	2130 B .....	2130 B .....	

ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.74(a)(1)—Continued

Organism	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	Other
	Laser Nephelometry (on-line) .....	.....	.....	Mitchell M5271 <sup>10</sup>
	LED Nephelometry (on-line) .....	.....	.....	Mitchell M5331 <sup>11</sup>
	LED Nephelometry (on-line) .....	.....	.....	AMI Turbiwell <sup>15</sup>
	LED Nephelometry (portable) .....	.....	.....	Orion AQ4500 <sup>12</sup>

ALTERNATIVE TESTING METHODS FOR DISINFECTANT RESIDUALS LISTED AT 40 CFR 141.74(a)(2)

Residual	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	ASTM <sup>4</sup>	Other
Free Chlorine .....	Amperometric Titration .....	4500—Cl D ...	4500—Cl D ...	D 1253—08.	EPA 334.0 <sup>16</sup> ChloroSense <sup>17</sup>
	DPD Ferrous Titrimetric .....	4500—Cl F ...	4500—Cl F.		
	DPD Colorimetric .....	4500—Cl G ...	4500—Cl G.		
	Syringaldazine (FACTS) .....	4500—Cl H ...	4500—Cl H.		
	On-line Chlorine Analyzer .....	.....	.....		
Total Chlorine .....	Amperometric Titration .....	4500—Cl D ...	4500—Cl D ...	D 1253—08.	EPA 334.0 <sup>16</sup> ChloroSense <sup>17</sup>
	Amperometric Titration (Low level measurement) .....	4500—Cl E ...	4500—Cl E.		
	DPD Ferrous Titrimetric .....	4500—Cl F ...	4500—Cl F.		
	DPD Colorimetric .....	4500—Cl G ...	4500—Cl G.		
	Iodometric Electrode .....	4500—Cl I .....	4500—Cl I.		
Chlorine Dioxide .....	Amperometric Titration .....	4500—ClO <sub>2</sub> C	4500—ClO <sub>2</sub> C.	.....	EPA 334.0 <sup>16</sup> ChloroSense <sup>17</sup>
	Amperometric Titration .....	4500—ClO <sub>2</sub> E	4500—ClO <sub>2</sub> E.		
Ozone .....	Indigo Method .....	4500—O <sub>3</sub> B ..	4500—O <sub>3</sub> B.	.....	.....

ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.131(b)(1)

Contaminant	Methodology	EPA method	ASTM <sup>4</sup>	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>
TTHM .....	P&T/GC/MS .....	524.3 <sup>9</sup> , 524.4 <sup>29</sup> .	.....	.....	.....
HAA5 .....	LLE (diazomethane)/GC/ECD .....	.....	.....	6251 B .....	6251 B.
	Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry (IC—ESI—MS/MS).	557 <sup>14</sup> .	.....		
Bromate .....	Two-Dimensional Ion Chromatography (IC).	302.0 <sup>18</sup> .	.....	.....	.....
	Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry (IC—ESI—MS/MS).	557 <sup>14</sup> .	.....		
	Chemically Suppressed Ion Chromatography.	.....	D 6581—08 A.		
	Electrolytically Suppressed Ion Chromatography.	.....	D 6581—08 B.		
Chlorite .....	Chemically Suppressed Ion Chromatography.	.....	D 6581—08 A.	.....	.....
	Electrolytically Suppressed Ion Chromatography.	.....	D 6581—08 B.		
Chlorite—daily monitoring as prescribed in 40 CFR 141.132(b)(2)(i)(A).	Amperometric Titration .....	.....	.....	4500—ClO <sub>2</sub> E	4500—ClO <sub>2</sub> E.

ALTERNATIVE TESTING METHODS FOR DISINFECTANT RESIDUALS LISTED AT 40 CFR 141.131(c)(1)

Residual	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	ASTM <sup>4</sup>	Other
Free Chlorine .....	Amperometric Titration .....	4500—Cl D ...	4500—Cl D ...	D 1253—08.	ChloroSense. <sup>17</sup> EPA 334.0. <sup>16</sup>
	DPD Ferrous Titrimetric .....	4500—Cl F ...	4500—Cl F.		
	DPD Colorimetric .....	4500—Cl G ...	4500—Cl G.		
	Syringaldazine (FACTS) .....	4500—Cl H ...	4500—Cl H.		
	Amperometric Sensor .....	.....	.....		
Combined Chlorine .....	On-line Chlorine Analyzer .....	.....	.....	D 1253—08.	.....
	Amperometric Titration .....	4500—Cl D ...	4500—Cl D ...		
Total Chlorine .....	DPD Ferrous Titrimetric .....	4500—Cl F ...	4500—Cl F.	.....	.....
	DPD Colorimetric .....	4500—Cl G ...	4500—Cl G.		
	Amperometric Titration .....	4500—Cl D ...	4500—Cl D ...	D 1253—08.	.....

ALTERNATIVE TESTING METHODS FOR DISINFECTANT RESIDUALS LISTED AT 40 CFR 141.131(c)(1)—Continued

Residual	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	ASTM <sup>4</sup>	Other
Chlorine Dioxide .....	Low level Amperometric Titration .....	4500—Cl E ...	4500—Cl E.		ChloroSense. <sup>17</sup> EPA 334.0. <sup>16</sup>
	DPD Ferrous Titrimetric .....	4500—Cl F ...	4500—Cl F.		
	DPD Colorimetric .....	4500—Cl G ...	4500—Cl G.		
	Iodometric Electrode .....	4500—Cl I .....	4500—Cl I.		
	Amperometric Sensor .....	.....	.....	.....	
	On-line Chlorine Analyzer .....	.....	.....	.....	
	Amperometric Method II .....	4500—ClO <sub>2</sub> E	4500—ClO <sub>2</sub> E.		

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ALTERNATIVE TESTING METHODS FOR PARAMETERS LISTED AT 40 CFR 141.131(d)

Parameter	Methodology	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	EPA
Total Organic Carbon (TOC) .....	High Temperature Combustion .....	5310 B .....	5310 B .....	415.3, Rev 1.2 <sup>19</sup>
	Persulfate-Ultraviolet or Heated Persulfate Oxidation. Wet Oxidation .....	5310 C .....	5310 C .....	415.3, Rev 1.2 <sup>19</sup>
Specific Ultraviolet Absorbance (SUVA) .....	Calculation using DOC and UV <sub>254</sub> data .....	.....	.....	415.3, Rev 1.2 <sup>19</sup>
	Dissolved Organic Carbon (DOC) .....	High Temperature Combustion .....	5310 B .....	5310 B .....
Persulfate-Ultraviolet or Heated Persulfate Oxidation. Wet Oxidation .....		5310 C .....	5310 C .....	415.3, Rev 1.2 <sup>19</sup>
Ultraviolet absorption at 254 nm (UV <sub>254</sub> ) .....	Spectrophotometry .....	5910 B .....	5910 B .....	415.3, Rev 1.2 <sup>19</sup>

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ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.402(c)(2)

Organism	Methodology	SM 20th Edition <sup>6</sup>	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	SM Online <sup>3</sup>	Other
<i>E. coli</i> .....	Colilert® .....	.....	9223 B .....	9223 B .....	9223 B—97.	Ready cult® <sup>20</sup> Modified Colitag™ <sup>13</sup> Chromocult® <sup>21</sup> Fast Phage <sup>30</sup>
	Colisure® .....	.....	9223 B .....	9223 B .....	9223 B—97.	
	Colilert-18 .....	9223 B .....	9223 B .....	9223 B .....	9223 B—97.	
	ReadiCult® .....	.....	.....	.....	.....	
	Colitag .....	.....	.....	.....	.....	
Enterococci .....	Chromocult® .....	.....	.....	.....	.....	
	EC—MUG .....	.....	.....	9221 F.	.....	
Coliphage .....	Multiple-Tube Technique .....	.....	.....	.....	9230 B—04.	
	Two-Step Enrichment Presence-Absence Procedure.	.....	.....	.....	.....	

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ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 141.852(a)(5)

Organism	Methodology category	Method	SM 22nd Edition <sup>28</sup>
Total Coliforms .....	Lactose Fermentation Methods .....	Standard Total Coliform Fermentation Technique.	9221 B.1, B.2
	Enzyme Substrate Methods .....	Colilert® .....	9223 B
<i>Escherichia coli</i> .....	<i>Escherichia coli</i> Procedure (following Lactose Fermentation Methods). Enzyme Substrate Methods .....	Colisure® .....	9223 B
		EC—MUG medium .....	9221 F.1
		Colilert® .....	9223 B
		Colisure® .....	9223 B

ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 143.4(b)

Contaminant	Methodology	EPA method	ASTM <sup>4</sup>	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	SM online <sup>3</sup>
Aluminum .....	Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES).	200.5, Revision 4.2 <sup>2</sup>				
	Atomic Absorption; Direct.	.....	.....	3111 D .....	3111 D.	
	Atomic Absorption; Furnace.	.....	.....	3113 B .....	3113 B .....	3113 B-04
Chloride .....	Inductively Coupled Plasma.	.....	.....	3120 B .....	3120 B.	
	Silver Nitrate Titration	.....	D 512-04 B .....	4500-Cl- B .....	4500-Cl- B.	
	Ion Chromatography ..	.....	.....	4110 B .....	4110 B.	
Color .....	Potentiometric Titration.	.....	.....	4500-Cl D ..	4500-Cl D.	
	Visual Comparison .....	.....	.....	2120 B .....	2120 B.	
Foaming Agents ..	Methylene Blue Active Substances (MBAS).	.....	.....	5540 C .....	5540 C.	
Iron .....	Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES).	200.5, Revision 4.2 <sup>2</sup>				
	Atomic Absorption; Direct.	.....	.....	3111 B .....	3111 B.	
	Atomic Absorption; Furnace.	.....	.....	3113 B .....	3113 B .....	3113 B-04
Manganese .....	Inductively Coupled Plasma.	.....	.....	3120 B .....	3120 B.	
	Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES).	200.5, Revision 4.2 <sup>2</sup>				
	Atomic Absorption; Direct.	.....	.....	3111 B .....	3111 B.	
Odor .....	Atomic Absorption; Furnace.	.....	.....	3113 B .....	3113 B .....	3113 B-04
	Inductively Coupled Plasma.	.....	.....	3120 B .....	3120 B.	
	Threshold Odor Test ..	.....	.....	2150 B .....	2150 B.	
Silver .....	Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES).	200.5, Revision 4.2 <sup>2</sup>				
	Atomic Absorption; Direct.	.....	.....	3111 B .....	3111 B.	
	Atomic Absorption; Furnace.	.....	.....	3113 B .....	3113 B .....	3113 B-04
Sulfate .....	Inductively Coupled Plasma.	.....	.....	3120 B .....	3120 B.	
	Ion Chromatography ..	.....	.....	4110 B .....	4110 B.	
	Gravimetric with ignition of residue.	.....	.....	4500-SO <sub>4</sub> <sup>2-</sup> C.	4500-SO <sub>4</sub> <sup>2-</sup> C.	4500-SO <sub>4</sub> <sup>2-</sup> C-97
	Gravimetric with drying of residue.	.....	.....	4500-SO <sub>4</sub> <sup>2-</sup> D.	4500-SO <sub>4</sub> <sup>2-</sup> D.	4500-SO <sub>4</sub> <sup>2-</sup> D-97
	Turbidimetric method	.....	D 516-07, 11 ..	4500-SO <sub>4</sub> <sup>2-</sup> E.	4500-SO <sub>4</sub> <sup>2-</sup> E.	4500-SO <sub>4</sub> <sup>2-</sup> E-97
	Automated methylthymol blue method.	.....	.....	4500-SO <sub>4</sub> <sup>2-</sup> F	4500-SO <sub>4</sub> <sup>2-</sup> F	4500-SO <sub>4</sub> <sup>2-</sup> F-97
Total Dissolved Solids.	Total Dissolved Solids Dried at 180 deg C.	.....	.....	2540 C .....	2540 C.	
Zinc .....	Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES).	200.5, Revision 4.2 <sup>2</sup>				
	Atomic Absorption; Direct Aspiration.	.....	.....	3111 B .....	3111 B.	

## ALTERNATIVE TESTING METHODS FOR CONTAMINANTS LISTED AT 40 CFR 143.4(b)—Continued

Contaminant	Methodology	EPA method	ASTM <sup>4</sup>	SM 21st Edition <sup>1</sup>	SM 22nd Edition <sup>28</sup>	SM online <sup>3</sup>
	Inductively Coupled Plasma.	.....	.....	3120 B .....	3120 B.	

<sup>1</sup> *Standard Methods for the Examination of Water and Wastewater*, 21st edition (2005). Available from American Public Health Association, 800 I Street NW., Washington, DC 20001-3710.

<sup>2</sup> EPA Method 200.5, Revision 4.2. "Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma-Atomic Emission Spectrometry." 2003. EPA/600/R-06/115. (Available at <http://www.epa.gov/nerlcwww/ordmeth.htm>.)

<sup>3</sup> Standard Methods Online are available at <http://www.standardmethods.org>. The year in which each method was approved by the Standard Methods Committee is designated by the last two digits in the method number. The methods listed are the only online versions that may be used.

<sup>4</sup> Available from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 or <http://astm.org>. The methods listed are the only alternative versions that may be used.

<sup>6</sup> *Standard Methods for the Examination of Water and Wastewater*, 20th edition (1998). Available from American Public Health Association, 800 I Street NW., Washington, DC 20001-3710.

<sup>7</sup> Method ME355.01, Revision 1.0. "Determination of Cyanide in Drinking Water by GC/MS Headspace," May 26, 2009. Available at <https://www.nemi.gov> or from James Eaton, H & E Testing Laboratory, 221 State Street, Augusta, ME 04333. (207) 287-2727.

<sup>8</sup> Systea Easy (1-Reagent). "Systea Easy (1-Reagent) Nitrate Method," February 4, 2009. Available at <https://www.nemi.gov> or from Systea Scientific, LLC., 900 Jorie Blvd., Suite 35, Oak Brook, IL 60523.

<sup>9</sup> EPA Method 524.3, Version 1.0. "Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry," June 2009. EPA 815-B-09-009. Available at <http://water.epa.gov/drink/>.

<sup>10</sup> Mitchell Method M5271, Revision 1.1. "Determination of Turbidity by Laser Nephelometry," March 5, 2009. Available at <https://www.nemi.gov> or from Leck Mitchell, Ph.D., PE, 656 Independence Valley Dr., Grand Junction, CO 81507.

<sup>11</sup> Mitchell Method M5331, Revision 1.1. "Determination of Turbidity by LED Nephelometry," March 5, 2009. Available at <https://www.nemi.gov> or from Leck Mitchell, Ph.D., PE, 656 Independence Valley Dr., Grand Junction, CO 81507.

<sup>12</sup> Orion Method AQ4500, Revision 1.0. "Determination of Turbidity by LED Nephelometry," May 8, 2009. Available at <https://www.nemi.gov> or from Thermo Scientific, 166 Cummings Center, Beverly, MA 01915, <http://www.thermo.com>.

<sup>13</sup> Modified Colitag™ Method. "Modified Colitag™ Test Method for the Simultaneous Detection of *E. coli* and other Total Coliforms in Water (ATP D05-0035)," August 28, 2009. Available at <https://www.nemi.gov> or from CPI International, 5580 Skylane Boulevard, Santa Rosa, CA 95403.

<sup>14</sup> EPA Method 557. "Determination of Haloacetic Acids, Bromate, and Dalapon in Drinking Water by Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry (IC-ESI-MS/MS)," September 2009. EPA 815-B-09-012. Available at <http://water.epa.gov/drink/>.

<sup>15</sup> AMI Turbiwell, "Continuous Measurement of Turbidity Using a SWAN AMI Turbiwell Turbidimeter," August 2009. Available at <https://www.nemi.gov> or from Markus Bernasconi, SWAN Analytische Instrumente AG, Stuebachstrasse 13, CH-8340 Hinwil, Switzerland.

<sup>16</sup> EPA Method 334.0. "Determination of Residual Chlorine in Drinking Water Using an On-line Chlorine Analyzer," September 2009. EPA 815-B-09-013. Available at <http://water.epa.gov/drink/>.

<sup>17</sup> ChloroSense. "Measurement of Free and Total Chlorine in Drinking Water by Palintest ChloroSense," August 2009. Available at <https://www.nemi.gov> or from Palintest Ltd., 21 Kenton Lands Road, P.O. Box 18395, Erlanger, KY 41018.

<sup>18</sup> EPA Method 302.0. "Determination of Bromate in Drinking Water using Two-Dimensional Ion Chromatography with Suppressed Conductivity Detection," September 2009. EPA 815-B-09-014. Available at <http://water.epa.gov/drink/>.

<sup>19</sup> EPA 415.3, Revision 1.2. "Determination of Total Organic Carbon and Specific UV Absorbance at 254 nm in Source Water and Drinking Water," September 2009. EPA/600/R-09/122. Available at <http://www.epa.gov/nerlcwww/ordmeth.htm>.

<sup>20</sup> ReadyCult® Method. "ReadyCult® Coliforms 100 Presence/Absence Test for Detection and Identification of Coliform Bacteria and *Escherichia coli* in Finished Waters," January, 2007. Version 1.1. Available from EMD Millipore (division of Merck KGaA, Darmstadt, Germany), 290 Concord Road, Billerica, MA 01821.

<sup>21</sup> Chromocult® Method. "Chromocult® Coliform Agar Presence/Absence Membrane Filter Test Method for Detection and Identification of Coliform Bacteria and *Escherichia coli* in Finished Waters," November, 2000. Version 1.0. EMD Millipore (division of Merck KGaA, Darmstadt, Germany), 290 Concord Road, Billerica, MA 01821.

<sup>22</sup> Hach Company. "Hach Company SPADNS 2 (Arsenite-Free) Fluoride Method 10225—Spectrophotometric Measurement of Fluoride in Water and Wastewater," January 2011. 5600 Lindbergh Drive, P.O. Box 389, Loveland, Colorado 80539. (Available at <http://www.hach.com>.)

<sup>23</sup> Hach Company. "Hach Company TNTplus™ 835/836 Nitrate Method 10206—Measurement of Nitrate in Water and Wastewater," January 2011. 5600 Lindbergh Drive, P.O. Box 389, Loveland, Colorado. (Available at <http://www.hach.com>.)

<sup>24</sup> EPA Method 525.3. "Determination of Semivolatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Capillary Column Gas Chromatography/Mass Spectrometry (GC/MS)," February 2012. EPA/600/R-12/010. Available at <http://www.epa.gov/nerlcwww/ordmeth.htm>.

<sup>25</sup> EPA Method 536. "Determination of Triazine Pesticides and their Degradates in Drinking Water by Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry (LC/ESI-MS/MS)," October 2007. EPA 815-B-07-002. Available at <http://water.epa.gov/drink/>.

<sup>26</sup> EPA Method 523. "Determination of Triazine Pesticides and their Degradates in Drinking Water by Gas Chromatography/Mass Spectrometry (GC/MS)," February 2011. EPA 815-R-11-002. Available at <http://water.epa.gov/drink/>.

<sup>27</sup> EPA Method 1623.1. "*Cryptosporidium* and *Giardia* in Water by Filtration/IMS/FA," 2012. EPA-816-R-12-001. (Available at <http://water.epa.gov/drink/>.)

<sup>28</sup> *Standard Methods for the Examination of Water and Wastewater*, 22nd edition (2012). Available from American Public Health Association, 800 I Street NW., Washington, DC 20001-3710.

<sup>29</sup> EPA Method 524.4, Version 1.0. "Measurement of Purgeable Organic Compounds in Water by Gas Chromatography/Mass Spectrometry using Nitrogen Purge Gas," May 2013. EPA 815-R-13-002. Available at <http://water.epa.gov/drink/>.

<sup>30</sup> Charm Sciences Inc. "Fast Phage Test Procedure. Presence/Absence for Coliphage in Ground Water with Same Day Positive Prediction". Version 009. November 2012. 659 Andover Street, Lawrence, MA 01843. Available at [www.charmsciences.com](http://www.charmsciences.com).

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## ENVIRONMENTAL PROTECTION AGENCY

### 40 CFR Part 180

[EPA-HQ-OPP-2012-0177; FRL-9387-3]

### Cyproconazole; Pesticide Tolerances

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Final rule.

**SUMMARY:** This regulation establishes tolerances for residues of cyproconazole in or on peanut and peanut, hay. Syngenta Crop Protection, LLC, requested these tolerances under the Federal Food, Drug, and Cosmetic Act (FFDCA).

**DATES:** This regulation is effective June 21, 2013. Objections and requests for hearings must be received on or before August 20, 2013, and must be filed in accordance with the instructions provided in 40 CFR part 178 (see also Unit I.C. of the **SUPPLEMENTARY INFORMATION**).

**ADDRESSES:** The docket for this action, identified by docket identification (ID) number EPA-HQ-OPP-2012-0177, is available at <http://www.regulations.gov> or at the Office of Pesticide Programs Regulatory Public Docket (OPP Docket) in the Environmental Protection Agency Docket Center (EPA/DC), EPA West Bldg., Rm. 3334, 1301 Constitution Ave. NW., Washington, DC 20460-0001. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the OPP Docket is (703) 305-5805. Please review the visitor instructions and additional information about the docket available at <http://www.epa.gov/dockets>.

**FOR FURTHER INFORMATION CONTACT:** Shaunta Hill, Registration Division (7505P), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave. NW., Washington, DC 20460-0001; telephone number: (703) 347-8961; email address: [hill.shaunta@epa.gov](mailto:hill.shaunta@epa.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. General Information

###### A. Does this action apply to me?

You may be potentially affected by this action if you are an agricultural producer, food manufacturer, or pesticide manufacturer. The following

list of North American Industrial Classification System (NAICS) codes is not intended to be exhaustive, but rather provides a guide to help readers determine whether this document applies to them. Potentially affected entities may include:

- Crop production (NAICS code 111).
- Animal production (NAICS code 112).
- Food manufacturing (NAICS code 311).
- Pesticide manufacturing (NAICS code 32532).

###### B. How can I get electronic access to other related information?

You may access a frequently updated electronic version of EPA's tolerance regulations at 40 CFR part 180 through the Government Printing Office's eCFR site at [http://www.ecfr.gov/cgi-bin/text-idx?&c=ecfr&tpl=/ecfrbrowse/Title40/40tab\\_02.tpl](http://www.ecfr.gov/cgi-bin/text-idx?&c=ecfr&tpl=/ecfrbrowse/Title40/40tab_02.tpl). To access the OCSPP test guidelines referenced in this document electronically, please go to <http://www.epa.gov/ocspp> and select "Test Methods and Guidelines."

###### C. How can I file an objection or hearing request?

Under FFDCA section 408(g), 21 U.S.C. 346a, any person may file an objection to any aspect of this regulation and may also request a hearing on those objections. You must file your objection or request a hearing on this regulation in accordance with the instructions provided in 40 CFR part 178. To ensure proper receipt by EPA, you must identify docket ID number EPA-HQ-OPP-2012-0177 in the subject line on the first page of your submission. All objections and requests for a hearing must be in writing, and must be received by the Hearing Clerk on or before August 20, 2013. Addresses for mail and hand delivery of objections and hearing requests are provided in 40 CFR 178.25(b).

In addition to filing an objection or hearing request with the Hearing Clerk as described in 40 CFR part 178, please submit a copy of the filing (excluding any Confidential Business Information (CBI)) for inclusion in the public docket. Information not marked confidential pursuant to 40 CFR part 2 may be disclosed publicly by EPA without prior notice. Submit the non-CBI copy of your objection or hearing request, identified by docket ID number EPA-HQ-OPP-2012-0177, by one of the following methods:

- **Federal eRulemaking Portal:** <http://www.regulations.gov>. Follow the online instructions for submitting comments. Do not submit electronically any information you consider to be CBI or

other information whose disclosure is restricted by statute.

- **Mail:** OPP Docket, Environmental Protection Agency Docket Center (EPA/DC), (28221T), 1200 Pennsylvania Ave. NW., Washington, DC 20460-0001.

- **Hand Delivery:** To make special arrangements for hand delivery or delivery of boxed information, please follow the instructions at <http://www.epa.gov/dockets/contacts.htm>. Additional instructions on commenting or visiting the docket, along with more information about dockets generally, is available at <http://www.epa.gov/dockets>.

##### II. Summary of Petitioned-for Tolerance

In the **Federal Register** of May 23, 2012 (77 FR 30481) (FRL-9347-8), EPA issued a document pursuant to FFDCA section 408(d)(3), 21 U.S.C. 346a(d)(3), announcing the filing of a pesticide petition (PP 1F7956) by Syngenta Crop Protection, LLC., P.O. Box 18300, Greensboro, NC 24719. The petition requested that 40 CFR 180.485 be amended by establishing tolerances for residues of the fungicide cyproconazole, in or on peanut, hay at 6.0 parts per million (ppm), and peanut, nutmeat; peanut, meal; peanut, butter; and peanut, refined oil at 0.03 ppm. That document referenced a summary of the petition prepared by Syngenta Crop Protection, the registrant, which is available in the docket, <http://www.regulations.gov>. There were no substantive comments received in response to the notice of filing.

Based upon review of the data supporting the petition, EPA has modified the requested tolerance levels and crops for which tolerances were needed. The reasons for these changes are explained in Unit IV.C.

##### III. Aggregate Risk Assessment and Determination of Safety

Section 408(b)(2)(A)(i) of FFDCA allows EPA to establish a tolerance (the legal limit for a pesticide chemical residue in or on a food) only if EPA determines that the tolerance is "safe." Section 408(b)(2)(A)(ii) of FFDCA defines "safe" to mean that "there is a reasonable certainty that no harm will result from aggregate exposure to the pesticide chemical residue, including all anticipated dietary exposures and all other exposures for which there is reliable information." This includes exposure through drinking water and in residential settings, but does not include occupational exposure. Section 408(b)(2)(C) of FFDCA requires EPA to give special consideration to exposure of infants and children to the pesticide chemical residue in establishing a