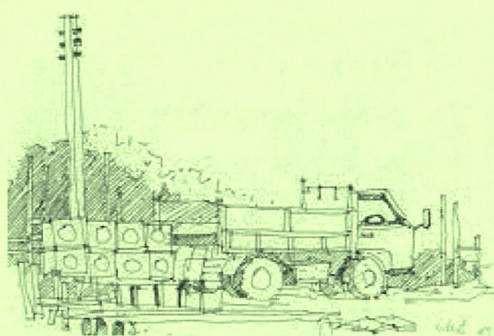


## ภาคผนวก ฉ

หนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
เลขทะเบียน ว-236









ที่ อก ๐๓๐๓(๑)/ ๙ ๘ ๗ ๖

กรมโรงงานอุตสาหกรรม

ถนนพระรามที่ ๖ แขวงทุ่งพญาไท

เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๒๕๖๖

## ๒ ๒ มิถุนายน

เรื่อง ค่อยหยุดหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

อ้างถึง คำขอขึ้นทะเบียน/ค่อยหยุด/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน

ลงวันที่ ๓ มีนาคม ๒๕๖๖

สิ่งที่ส่งมาด้วย เอกสารแนบท้ายหนังสือรับคีย์ทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด จำนวน ๒๘ แห่ง

ตามหนังสือที่อ้างถึง บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด ขอต่ออายุหนังสือรับขึ้นทะเบียน

ห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ๖-๒๓๖ สลัสนที่ตั้งแต่เลขที่ ๑/๖ ขอยุติการค้าแห่ง ๑๔๕๕ แขวงสะพานสูง

เขตสะพานสูง กรุงเทพมหานคร ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด ต่ออายุหนังสือรับขึ้น

ทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้

ก. ผู้ควบคุมดูแลห้องปฏิบัติการวิเคราะห์

๑) นายอรรถพงศ์ โคตะมา

๒) นางสาววรรธนา ประทุมแสง

๓) นางพรทิพย์ เพชรชัย

๔) นายสมชาย ปิยะระสกุล

๕) นายประมวล มูลสาร

๖) นายรัฐพล สุขดี

ข. เจ้าหน้าที่ประจำห้องปฏิบัติการวิเคราะห์

๑) นางสาวทองผืน อัครชัยสุวิกรม

๒) นางสาวกมลลักษณ์ ต้มคง

๓) นางสาวกนกวรรณ เริ่มประชาติไชย

๔) นางสาวจิตพรพรณ ศรีสุวรรณ

๕) นางสาวธิดา กัญหาดี

๖) นางสาวมาลินี มณีรัตน์

๗) นางสาวพัชรพรณ สว่างพ

๘) นายสุริยะพงศ์ ยงฤทธิ์

๙) นางสาวอดิสรณ์ สิมเหล็ก

๑๐) นางสาวศิริพร กาจิต

๑๑) นายสุชาติ ศรีบุญ

๑๒) นายเกียรติศักดิ์ วันดี

๑๓) นายจิรวัฒน์...

๑๓) นายจิรวัฒน์ อินทเสย

๑๔) นางสาวนิตยา เย็นวัฒนา

๑๕) นางสาวณัฐธัญ สารแสง

๑๖) นายกิตติศักดิ์ เมื่องาม

๑๗) นายทวาทพงษ์ เขียวดีเกาะ

๑๘) นายเฉลิมวุฒิ พูลสมบูรณ์

๑๙) นางสาวนุชศิริ อธิวร

๒๐) นางสาววรรณศิริ สุริยวงศ์

๒๑) นายวิฑูรย์ วัลย์รัตน์

๒๒) นางสาวกัญชดา จอสูงเนิน

๒๓) นางสาวสุวิจิตญา อยู่เนม

๒๔) นางสาวลลิตา ศรีไธรม

๒๕) นายเจอ แซ่หว้า

๒๖) นายอรรถพล วงศ์สวัสดิ์

๒๗) นายประยัต จิวเดช

๒๘) นายบุญพล กรังคคา

๒๙) นายวีรพล บุตรา

๓๐) นายพิเชฐ อยู่รัมย์

๓๑) นายณัฐดนัย ศรีรัตนชีวะวาลย์

๓๒) นายณัฐดนัย ศรีรัตนชีวะวาลย์

ค. ขอขยายสามสิบปีที่ได้รับทะเบียนให้ครบห้าปีเสีย น้ำใต้ดิน อากาศเสีย สิ่งปฏิกูลหรือ  
วัตถุที่ไม่ใช่แล้ว และดิน ตามสิ่งที่ส่งมาด้วย

หนังสือฉบับนี้จะหมดอายุในวันที่ ๑๓ มีนาคม ๒๕๖๙ หากประสงค์ต่ออายุหนังสือ  
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อ  
กรมโรงงานอุตสาหกรรม ภายใน ๓๐ วัน ก่อนวันสิ้นสุดหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
นั้น สามารถยื่นคำขอผ่านระบบอิเล็กทรอนิกส์ได้ที่หน้าเว็บไซต์กรมโรงงานอุตสาหกรรม

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

๙๖ ๙๖

✓ (นายประสม คาร์พงษ์)

ผู้อำนวยการวิจัยและพัฒนาระบบสารสนเทศ

ปฏิบัติการทางเทคโนโลยีสารสนเทศ

กองวิจัยและพัฒนาระบบสารสนเทศ

กลุ่มมาตรฐานวิธีการวิเคราะห์ทดสอบมลพิษและทะเบียนห้องปฏิบัติการ

โทร. ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๐๓-๕

โทรสาร ๐ ๒๔๓๐ ๖๓๑๒ ต่อ ๒๑๑๔

ไปรษณีย์อิเล็กทรอนิกส์ saraban@dw.mail.go.th



“อุตสาหกรรมก้าวไกล ประเทศไทยก้าวหน้า ร่วมกันพัฒนา อุตสาหกรรมสีเขียว”



เอกสารแนบท้ายหนังสือรับรองอาชญากรรมขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน  
บริษัท เพชรนิลสิ่งแวดล้อมไทย จำกัด  
ที่ อก ๐๓๐๐(๑)/ ๙ ๘ ๗ ๖  
เลขทะเบียน ๖-๒๒๖  
ลงวันที่ ๒๒ มิถุนายน ๒๕๖๖

ขอช่วยสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๓๗ รายการ  
แนบรายชื่อจำนวน ๔๐ รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
2	Arsenic	Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(a)</sup>
3	Barium	1) Digestion, Direct Nitrous Oxide-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
4	α-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
5	γ-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
6	Biochemical Oxygen Demand	5-Day BOD Test, Azide Modification Method <sup>(a)</sup>
7	Cadmium	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
8	Chemical Oxygen Demand	Closed Reflux, Titrimetric Method <sup>(a)</sup>
9	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
10	Chromium	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
11	Color	ADMI Weighted-Ordinate Spectrophotometric Method <sup>(a)</sup>
12	Copper	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
13	Cyanide	Distillation, Colorimetric Method <sup>(a)</sup>
14	4,4'-DDE	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
15	4,4'-DDT	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
16	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>

17 Endosulfan I...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
17	Endosulfan I	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
18	Endosulfan II	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
19	Endosulfan Sulfate	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
20	Endrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
21	Formaldehyde	Distillation, Colorimetric Method <sup>(a)</sup>
22	Free Chlorine	DPD Ferrous Titrimetric Method <sup>(a)</sup>
23	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
24	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
25	Hexavalent Chromium	Colorimetric Method <sup>(a)</sup>
26	Lead	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
27	Manganese	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
28	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(a)</sup>
29	Nickel	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
30	Oil & Grease	1) Liquid-Liquid, Partition-Gravimetric Method <sup>(a)</sup> 2) Soxhlet Extraction Method <sup>(a)</sup>
31	pH	Electrometric Method <sup>(a)</sup>
32	Phenols	Distillation, Direct Photometric Method <sup>(a)</sup>
33	Selenium	Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(a)</sup>
34	Sulfide	1) Iodometric Method <sup>(a)</sup> 2) Methylene Blue Method <sup>(a)</sup>
35	Temperature	Laboratory and Field Methods <sup>(a)</sup>
36	Total Dissolved Solids	Dried at 180 °C <sup>(a)</sup>
37	Total Kjeldahl Nitrogen	Macro-Kjeldahl Method <sup>(a)</sup>
38	Total Suspended Solids	Dried at 103-105 °C <sup>(a)</sup>

39 Trivalent Chromium...



ลำดับที่	สารเคมี	วิธีวิเคราะห์
39	Trivalent Chromium	Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation <sup>(a)</sup>
40	Zinc	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>

น้ำดื่ม จำนวน 122 รายการ

ลำดับที่	สารเคมี	วิธีวิเคราะห์
1	Acenaphthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
2	Acetone	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
3	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
4	Anthracene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
5	Antimony	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup>
6	Arsenic	3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup> Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(a)</sup>
7	Atrazine	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
8	Barium	1) Digestion, Direct Nitrous Oxide-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup>
9	Benzo(a)anthracene	3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup> Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
10	Benzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
11	Benzo(b)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
12	Benzo(k)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>

13 Benzoic acid...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
13	Benzoic acid	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
14	Benzo(a)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
15	Benzo(g,h,i)perylene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
16	Beryllium	1) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
17	Bis(2-chloroethyl)ether	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
18	Bis(2-ethylhexyl)phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
19	Bromodichloromethane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
20	Bromoform	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
21	Butanol	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
22	Butyl benzyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
23	Cadmium	1) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
24	Carbazole	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
25	Carbon disulfide	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
26	Carbon tetrachloride	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
27	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
28	p-Chloroaniline	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
29	Chlorobenzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
30	Chlorodibromomethane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
31	Chloroform	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>

32 Chromium...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
32	Chromium	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
33	Chromium (III)	1) Digestion, Direct Air-Acetylene Flame Method; Colorimetric Method; Calculation <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method; Colorimetric Method; Calculation <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation <sup>(a)</sup> Colorimetric Method <sup>(a)</sup>
34	Chromium (VI)	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
35	Chrysene	Distillation, Colorimetric Method <sup>(a)</sup>
36	Cyanide	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
37	2,4-D	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
38	DDD	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
39	DDE	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
40	DDT	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
41	Dibenz(a,h)anthracene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
42	Di-n-butyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
43	1,2-Dichlorobenzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
44	1,3-Dichlorobenzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
45	1,4-Dichlorobenzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
46	1,1-Dichloroethane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
47	1,2-Dichloroethane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
48	1,1-Dichloroethylene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
49	cis-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>

ลำดับที่	สารเคมี	วิธีวิเคราะห์
50	trans-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
51	1,2-Dichloropropane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
52	1,3-Dichloropropane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
53	1,3-Dichloropropene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
54	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
55	Diethyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
56	2,4-Dimethylphenol	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
57	2,4-Dinitrophenol	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
58	2,4-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
59	2,6-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
60	Di-n-Octyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
61	Endosulfan	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
62	Endrin	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
63	Ethylbenzene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
64	Fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
65	Fluorene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
66	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
67	Heptachlor epoxide	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
68	Hexachloro-1,3-butadiene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
69	n-Hexane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
70	α-HCH	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
71	β-HCH	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
72	γ-HCH	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
73	Hexachlorocyclopentadiene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>



ลำดับที่	สารเคมี	วิธีวิเคราะห์
74	Hexachloroethane	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
75	Indeno(1,2,3-cd)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
76	Isophorone	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
77	Lead	1) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
78	Manganese	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
79	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(a)</sup>
80	Methanol	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
81	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
82	Methyl bromide	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
83	Methylene chloride	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
84	2-Methylphenol	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
85	2-Methylnaphthalene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
86	Methyl tert-butyl ether	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
87	Naphthalene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
88	Nickel	1) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
89	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
90	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>

91 N-Nitrosodi-n-propylamine...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
91	N-Nitrosodi-n-propylamine	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
92	Polychlorinated Biphenyls PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup> Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup> 1) Distillation, Direct Photometric Method <sup>(a)</sup> 2) Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
93	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
94	pH	Electrometric Method <sup>(a)</sup>
95	Phenanthrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
96	Phenol	1) Distillation, Direct Photometric Method <sup>(a)</sup> 2) Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
97	Pyrene	Liquid-Liquid Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
98	Selenium	Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(a)</sup>
99	Silver	1) Digestion, Direct Air-Acetylene Flame Method <sup>(a)</sup> 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(a)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(a)</sup>
100	Styrene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
101	1,1,2,2-Tetrachloroethane	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
102	Tetrachloroethylene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
103	Toluene	Purge and Trap Gas Chromatographic/ Mass Spectrometric Method <sup>(a)</sup>
104	Toxaphene	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(a)</sup>
105	TPH (C <sub>5</sub> -C <sub>8</sub> )	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1222)</sup>

106 TPH (C<sub>9</sub>-C<sub>16</sub>)...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
106	TPH (C <sub>8</sub> -C <sub>16</sub> )	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(9,22)</sup>
107	TPH (C <sub>16</sub> -C <sub>33</sub> )	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(9,22)</sup>
108	1,2,4-Trichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
109	1,1,1-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
110	1,1,2-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
111	Trichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
112	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(4)</sup>
113	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(4)</sup>
114	1,3,5-Trimethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
115	Vanadium	1) Digestion, Electrothermal Atomic Absorption Spectrometric Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup>
116	Vinyl acetate	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
117	Vinyl chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
118	m-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
119	o-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
120	p-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
121	Xylene (Total)	Purge and Trap Gas Chromatographic/Mass Spectrometric Method <sup>(4)</sup>
122	Zinc	1) Digestion, Direct Air-Acetylene Flame Method <sup>(4)</sup> 2) Digestion, Inductively Coupled Plasma Method <sup>(4)</sup>

อากาศเสีย...

อากาศเสีย (ปล่องระบาย) จำนวน 18 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Antimony	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>(5)</sup> 2) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method <sup>(5)</sup>
2	Arsenic	3) Isokinetic Sampling, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(5)</sup> Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(5)</sup> Instrumental Analyzer Method <sup>(5)</sup>
3	Carbon monoxide	Absorption Sampling, Ion Chromatographic Method <sup>(5)</sup>
4	Chlorine	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>(5)</sup>
5	Copper	2) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method <sup>(5)</sup>
6	Cresol	Adsorption Sampling, Gas Chromatographic Method <sup>(5)</sup>
7	Dioxins/Furans	Isokinetic Sampling, Analysis by ISO/IEC 17025 Accredited Laboratory or Analysis by Department of Industrial Works Registered Laboratory (Dioxins/Furans Analysis Approved) <sup>(5)</sup>
8	Hydrogen Chloride	Absorption Sampling, Ion Chromatographic Method <sup>(5)</sup>
9	Hydrogen Fluoride	Absorption Sampling, Ion Chromatographic Method <sup>(5)</sup>
10	Hydrogen Sulfide	Absorption Sampling, Iodometric Method <sup>(5)</sup>
11	Lead	1) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method <sup>(5)</sup> 2) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method <sup>(5)</sup>
12	Mercury	3) Isokinetic Sampling, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(5)</sup>
13	Opacity	Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(5)</sup>
14	Oxides of Nitrogen	Ringelmann's Method <sup>(2)</sup> 1) Absorption Sampling, Phenoldisulfonic acid Method <sup>(5)</sup> 2) Instrumental Analyzer Method <sup>(5)</sup>

15 Sulfur dioxide...



ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
15	Sulfur dioxide	1) Absorption Sampling, Barium-Thorin Titrimetric Method <sup>[5]</sup> 2) Instrumental Analyzer Method <sup>[5]</sup>
16	Sulfuric acid	Isokinetic Sampling, Barium-Thorin Titrimetric Method <sup>[5]</sup>
17	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method <sup>[5]</sup>
18	Xylene	Adsorption Sampling, Gas Chromatographic Method <sup>[5]</sup>

สิ่งปนเปื้อนหรือวัสดุที่ไม่ใช่สาร 3.6 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Aldrin	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>[1,10,24]</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>[10,24]</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>[1,1,24]</sup>
2	Antimony	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>[1,6,15]</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[1,6,16]</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,14]</sup>
3	Arsenic	4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>[7,15]</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[7,16]</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>[7,14]</sup> 1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>[1,6,17]</sup> 2) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>[7,17]</sup>
4	Barium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>[1,6,15]</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[1,6,16]</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,14]</sup>

4) Digestion...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
5	Beryllium	4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>[7,15]</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[7,16]</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>[7,14]</sup> 1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>[1,6,15]</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[1,6,16]</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,14]</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>[7,15]</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[7,16]</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>[7,14]</sup>
6	Cadmium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>[1,6,15]</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[1,6,16]</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>[1,6,14]</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>[7,15]</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[7,16]</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>[7,14]</sup>
7	Chlordane	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>[1,10,24]</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>[10,24]</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>[1,1,24]</sup>
8	Chromium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>[1,6,15]</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>[1,6,16]</sup>

3) Waste Extraction...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
9	Chromium (III)	3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup> 1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method; Waste Extraction, Colorimetric Method; Calculation <sup>(1.6.15.18)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method; Waste Extraction, Colorimetric Method; Calculation <sup>(1.6.16.18)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method; Waste Extraction, Colorimetric Method; Calculation <sup>(1.6.14.18)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8.15.18)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8.16.18)</sup> 6) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8.14.18)</sup> 1) Waste Extraction, Colorimetric Method <sup>(1.18)</sup> 2) Alkaline Digestion, Colorimetric Method <sup>(8.18)</sup> 1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.15)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
10	Chromium (VI)	1) Waste Extraction, Colorimetric Method <sup>(1.18)</sup> 2) Alkaline Digestion, Colorimetric Method <sup>(8.18)</sup>
11	Cobalt	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.15)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>

ลำดับที่	สารเคมี	วิธีวิเคราะห์
12	Copper	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.15)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
13	2,4-D	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(1.9.24)</sup> 2) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1.24)</sup>
14	DDD	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1.24)</sup>
15	DDE	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1.24)</sup>
16	DDT	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1.24)</sup>
17	Dieldrin	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1.24)</sup>



ลำดับที่	สารเคมี	วิธีวิเคราะห์
18	Endrin	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup> 1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
19	Heptachlor	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
20	Lead	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.13)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
21	Lindane	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup> 1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(1.6.19)</sup> 2) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(20)</sup> 1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup>
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(1.6.19)</sup> 2) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(20)</sup> 1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup>
23	Methoxychlor	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10.24)</sup>

3) Soxhlet...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
24	Mirex	3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup> 1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(1.9.24)</sup> 2) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
25	Molybdenum	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.13)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
26	Nickel	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6.13)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6.16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6.14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
27	Polychlorinated Biphenyls Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 2,4,4'-Trichlorobiphenyl 2,2',5,5'-Tetrachlorobiphenyl	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(1.9.24)</sup> 2) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10.25)</sup> 3) Soxhlet Extraction, Gas Chromatographic Method <sup>(11.25)</sup>

2,2',4,5,5'...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
28	2,2',4,5,5'-Pentachlorobiphenyl 2,2',3,4,4',5'-Hexachlorobiphenyl 2,2',4,4',5,5'-Hexachlorobiphenyl 2,2',3,4,4',5,5'-Heptachlorobiphenyl Pentachlorophenol	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method <sup>(1.9,24)</sup> 2) Soxhlet Extraction, Gas Chromatographic Method <sup>(1.1,24)</sup>
29	Selenium	1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(1.6,21)</sup> 2) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(7.21)</sup>
30	Silver	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6,13)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6,16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6,14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
31	Thallium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6,15)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6,16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6,14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>

32 Toxaphene...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
32	Toxaphene	1) Waste Extraction, Solid-Phase Extraction, Gas Chromatographic Method <sup>(1.10,24)</sup> 2) Solid-Phase Extraction, Gas Chromatographic Method <sup>(10,24)</sup> 3) Soxhlet Extraction, Gas Chromatographic/Mass Spectrometric Method <sup>(1.12,7)</sup> 1) Waste Extraction, Purge and Trap, Gas Chromatographic/Mass Spectrometric Method <sup>(1.12,26)</sup> 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method <sup>(1.13,26)</sup> 1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method <sup>(1.6,15)</sup> 2) Waste Extraction, Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(1.6,16)</sup> 3) Waste Extraction, Digestion, Inductively Coupled Plasma Method <sup>(1.6,14)</sup> 4) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7.15)</sup> 5) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 6) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup>
33	Trichloroethylene	
34	Vanadium	
35	Vinyl chloride	
36	Zinc	

กัม...



ดิน จำนวน 121 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Acenaphthene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
2	Acetone	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
3	Aldrin	Soxhlet Extraction, Gas Chromatographic Method <sup>(1,1,24)</sup>
4	Anthracene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
5	Antimony	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
6	Arsenic	Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(7,17)</sup>
7	Atrazine	Soxhlet Extraction, Gas Chromatographic Method <sup>(1,1,24)</sup>
8	Barium	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
9	Benz(a)anthracene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
10	Benzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
11	Benzo(b)fluoranthene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
12	Benzo(k)fluoranthene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
13	Benzoic acid	Soxhlet Extraction, Gas Chromatographic Method <sup>(1,1,23)</sup>
14	Benzo(a)pyrene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
15	Benzo(g,h,i)perylene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
16	Beryllium	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup>

2) Digestion...

วิธีวิเคราะห์

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
17	Bis(2-chloroethyl)ether	2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
18	Bis(2-ethylhexyl)phthalate	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
19	Bromodichloromethane	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
20	Bromoform	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
21	Butanol	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
22	Butyl benzyl phthalate	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
23	Cadmium	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
24	Carbazole	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
25	Carbon disulfide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
26	Carbon tetrachloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
27	Chlordane	Mass Spectrometric Method <sup>(1,1,27)</sup>
28	p-Chloroaniline	Soxhlet Extraction, Gas Chromatographic Method <sup>(1,1,24)</sup>
29	Chlorobenzene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
30	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
31	Chloroform	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,1,27)</sup>
32	Chromium	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup>

2) Digestion...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
33	Chromium (III)	2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7.16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7.14)</sup> 1) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8,15,18)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8,16,18)</sup> 3) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation <sup>(7.8,14,18)</sup>
34	Chromium (VI)	Alkaline Digestion, Colorimetric Method <sup>(8.18)</sup>
35	Chrysene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
36	Cyanide	1) Extraction, Distillation, Titrimetric Method <sup>(28,29,30)</sup> 2) Extraction, Distillation, Colorimetric Method <sup>(28,29,30)</sup>
37	2,4-D	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
38	DDD	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
39	DDE	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
40	DDT	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
41	Dibenz(a,h)anthracene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
42	Di-n-butyl phthalate	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
43	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
44	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
45	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
46	1,1-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
47	1,2-Dichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
48	1,1-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>

49 cis-1,2-Dichloroethylene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
49	cis-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
50	trans-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
51	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
52	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
53	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
54	Dieldrin	Mass Spectrometric Method <sup>(13.26)</sup>
55	Diethyl phthalate	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
56	2,4-Dimethylphenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.23)</sup>
57	2,4-Dinitrophenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.23)</sup>
58	2,4-Dinitrotoluene	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.23)</sup>
59	2,6-Dinitrotoluene	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.23)</sup>
60	Di-n-Octyl phthalate	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
61	Endosulfan	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
62	Endrin	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
63	Ethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
64	Fluoranthene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
65	Fluorene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11.27)</sup>
66	Heptachlor	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
67	Heptachlor epoxide	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
68	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
69	n-Hexane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13.26)</sup>
70	α-HCH	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
71	β-HCH	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>
72	γ-HCH	Soxhlet Extraction, Gas Chromatographic Method <sup>(11.24)</sup>

73 Hexachlorocyclopentadiene...

ลำดับที่	สารเคมี	วิธีวิเคราะห์
73	Hexachlorocyclopentadiene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,27)</sup>
74	Hexachloroethane	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,27)</sup>
75	Indeno(1,2,3-cd)pyrene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,27)</sup>
76	Isophorone	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(1,27)</sup>
77	Lead	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
78	Manganese	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
79	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method <sup>(28)</sup>
80	Methanol	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
81	Methoxychlor	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,24)</sup>
82	Methyl bromide	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
83	Methylene chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
84	2-Methylphenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
85	2-Methylnaphthalene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
86	Methyl tert-butyl ether	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
87	Naphthalene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
88	Nickel	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>


ลำดับที่	สารเคมี	วิธีวิเคราะห์
89	Nitrobenzene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
90	N-Nitrosodiphenylamine	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
91	N-Nitrosodi-n-propylamine	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
92	Polychlorinated Biphenyls	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,25)</sup>
	Aroclor 1016	
	Aroclor 1221	
	Aroclor 1232	
	Aroclor 1242	
	Aroclor 1248	
	Aroclor 1254	
	Aroclor 1260	
	2,2',5,5'-Tetrachlorobiphenyl	
	2,2',4,5,5'-Pentachlorobiphenyl	
	2,2',3,4,4',5'-	
	Hexachlorobiphenyl	
	2,2',4,4',5,5'-	
	Hexachlorobiphenyl	
	2,2',3,4,4',5,5'-	
	Heptachlorobiphenyl	
93	Pentachlorophenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,24)</sup>
94	Phenanthrene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
95	Phenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
96	Pyrene	Soxhlet Extraction, Gas Chromatographic/ Mass Spectrometric Method <sup>(11,27)</sup>
97	Selenium	Digestion, Hydride Generation/Atomic Absorption Spectrometric Method <sup>(7,21)</sup>
98	Silver	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
99	Styrene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
100	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
101	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
102	Toluene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
103	Toxaphene	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,24)</sup>
104	TPH (C <sub>5</sub> -C <sub>8</sub> )	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
105	TPH (C <sub>8</sub> -C <sub>16</sub> )	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
106	TPH (C <sub>15</sub> , C <sub>16</sub> -C <sub>33</sub> )	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
107	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
108	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
109	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
110	Trichloroethylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
111	2,4,5-Trichlorophenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
112	2,4,6-Trichlorophenol	Soxhlet Extraction, Gas Chromatographic Method <sup>(11,23)</sup>
113	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
114	Vanadium	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,19)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>
115	Vinyl acetate	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
116	Vinyl chloride	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
117	m-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
118	o-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
119	p-Xylene	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>

120 Xylene (Total)

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
120	Xylene (Total)	Purge and Trap, Gas Chromatographic/ Mass Spectrometric Method <sup>(13,26)</sup>
121	Zinc	1) Digestion, Flame Atomic Absorption Spectrometric Method <sup>(7,15)</sup> 2) Digestion, Graphite Furnace Atomic Absorption Spectrometric Method <sup>(7,16)</sup> 3) Digestion, Inductively Coupled Plasma Method <sup>(7,14)</sup>

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