

ภาคผนวก จ
หนังสืออนุญาตขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

ลำดับ	สารเคมี	วิธีการตรวจ
25	Endrin aldehyde	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
26	Formaldehyde	Distillation, Colorimetric Method ⁽²⁾
27	Free Chlorine	1) Iodometric Method ⁽¹⁾ 2) DPD Ferrous Thiocyanate Method ⁽²⁾
28	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
29	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
30	Hexavalent Chromium	Colorimetric Method ⁽¹⁾
31	Lead	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
32	Manganese	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
33	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾
34	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
35	Nickel	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
36	Oil & Grease	1) Liquid-Liquid, Partition-Gravimetric Method ⁽¹⁾ 2) Soxhlet Extraction Method ⁽²⁾
37	pH	Electrometric Method ⁽¹⁾
38	Phenols	1) Distillation, Chloroform Extraction Method ⁽¹⁾ 2) Distillation, Direct Photometric Method ⁽²⁾
39	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
40	Sulfide	1) Iodometric Method ⁽¹⁾ 2) Methylene Blue Method ⁽²⁾
41	Temperature	Laboratory and Field Methods ⁽¹⁾
42	Total Dissolved Solids	Dried at 180 °C ⁽¹⁾
43	Total Kjeldahl Nitrogen	Semi-Micro-Kjeldahl Method ⁽¹⁾
44	Total Suspended Solids	Dried from 103 to 105 °C ⁽¹⁾
45	Trivalent Chromium	1) Digestion, Direct Air-Acetylene Flame Method; Colorimetric Method; Calculation ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation ⁽²⁾
46	Zinc	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾

ป้าได้คืน

ลำดับ	สารเคมี	วิธีการตรวจ
1	Acenaphthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
2	Acetone	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
3	Aldrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
4	Anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
5	Antimony	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
6	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
7	Atrazine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
8	Barium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
9	Benz(a)anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
10	Benzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
11	Benzobifluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
12	Benzokilfluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
13	Benzoid acid	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

14 Benzol(a)pyrene...

ลำดับ	สารเคมี	วิธีการตรวจ
14	Benzol(a)pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
15	Benzol(g,h)pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
16	Beryllium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
17	Bis(2-chloroethyl)ether	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
18	Bis(2-ethylhexyl)phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
19	Bromodichloromethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
20	Bromoform	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
21	Butanol	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
22	Butyl benzyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
23	Cadmium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method ⁽²⁾ 3) Digestion, Inductively Coupled Plasma Method ⁽³⁾
24	Carbazole	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
25	Carbon disulfide	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
26	Carbon tetrachloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
27	Chlordane	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
28	p-Chloroaniline	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

29 Chlorobenzene...

ลำดับ	สารเคมี	วิธีการตรวจ
29	Chlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
30	Chlorobromomethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
31	Chloroform	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
32	1-Chlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
33	Chromium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾
34	Chromium (VI)	1) Digestion, Direct Air-Acetylene Flame Method; Colorimetric Method; Calculation ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation ⁽²⁾
35	Chromium (VI)	Colorimetric Method ⁽¹⁾
36	Chrysene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
37	Cyanide	Distillation, Colorimetric Method ⁽¹⁾
38	2,4-D	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
39	DDD	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
40	DDE	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
41	DDT	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾
42	Dibenz(a,h)anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁾

43 Di-n-butyl phthalate...

ลำดับ	สารเคมี	วิธีวิเคราะห์
43	Di-n-butyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
44	1,2-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
45	1,3-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
46	1,4-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
47	3,3'-Dichlorobenzidine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
48	1,1-Dichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
49	1,2-Dichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
50	1,1-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
51	cis-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
52	trans-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
53	2,4-Dichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
54	1,2-Dichloropropane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
55	1,3-Dichloropropane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
56	1,3-Dichloropropene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
57	Dieldrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
58	Diethyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
59	3,4-Dimethylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
60	2,4-Dinitrophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

61 2,4-Dinitrotoluene

ลำดับ	สารเคมี	วิธีวิเคราะห์
61	2,4-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
62	2,6-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
63	Di-n-Octyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
64	Endosulfan	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
65	Endrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
66	Ethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
67	Fluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
68	Fluorene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
69	Heptachlor	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
70	Heptachlor epoxide	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
71	Hexachlorobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
72	Hexachloro-1,3-butadiene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
73	n-Hexane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

74 O,p'-DDE

ลำดับ	สารเคมี	วิธีวิเคราะห์
74	o-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
75	β-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
76	γ-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
77	Hexachlorocyclopentadiene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
78	Hexachloroethane	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
79	Indeno[1,2,3-cd]pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
80	Isophorone	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
81	Lead	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method ⁽¹⁾ 3) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
82	Manganese	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
83	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾
84	Methanol	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
85	Methoxychlor	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
86	Methyl bromide	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

87 Methylene chloride

ลำดับ	สารเคมี	วิธีวิเคราะห์
87	Methylene chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
88	2-Methylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
89	2-Methylnaphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
90	Methyl re1-butyl ether	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
91	Naphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
92	Nickel	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
93	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
94	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
95	N-Nitrosodi-n-propylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
96	Polychlorinated Biphenyls - PCB 1016 - PCB 1221 - PCB 1232 - PCB 1242 - PCB-1248 - PCB-1254 - PCB-1260	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
97	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
98	pH	Electrometric Method ⁽¹⁾
99	Phenanthrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

100 Phenol

ลำดับ	สารเคมี	วิธีการตรวจ
100	Phenol	1) Distillation, Chloroform Extraction Method ⁽⁶⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁷⁾
101	Pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁷⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
102	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
103	Silver	Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
104	Styrene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
105	1,1,2,2-Tetrachloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
106	Tetrachloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
107	Toluene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
108	Toxaphene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
109	TPH (C ₈ - C ₉)	1) Purge and Trap, Gas Chromatographic Method ^(14,15) 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(14,15)
110	TPH (C ₁₀ - C ₁₄)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(14,15)
111	TPH (C ₁₅ - C ₂₂)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(14,15)
112	1,2,4-Trichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
113	1,1,1-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
114	1,1,2-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
115	Trichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾

116 2,4,5-Trichlorophenol...

ลำดับ	สารเคมี	วิธีการตรวจ
116	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
117	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
118	1,3,5-Trimethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
119	Vanadium	Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
120	Vinyl acetate	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
121	Vinyl chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
122	m-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
123	o-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
124	p-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
125	Xylene (Total)	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁶⁾
126	Zinc	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁶⁾

ธาตุเคมี (ไม่รวม) จำนวน 25 รายการ

ลำดับ	สารเคมี	วิธีการตรวจ
1	Antimony	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
2	Arsenic	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁴⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
3	Cadmium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
4	Carbon Monoxide	Instrumental Analyzer Method ⁽¹⁾
5	Chlorine	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
6	Chromium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾

Chromium (๓๖)...

ลำดับ	สารเคมี	วิธีการตรวจ
6	Chromium (๓๖)	2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
7	Cobalt	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
8	Copper	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
9	Cresol	Absorption Sampling, Gas Chromatographic Method ⁽¹⁾
10	Dioxins/Furans	Isokinetic Sampling ⁽¹⁾
11	Hydrogen Chloride	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
12	Hydrogen Fluoride	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
13	Hydrogen Sulfide	Absorption Sampling, Iodometric Method ⁽¹⁾
14	Lead	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
15	Manganese	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
16	Mercury	Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾
17	Nickel	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
18	Opacity	Ringelmann's Method ⁽¹⁾
19	Oxides of Nitrogen	1) Absorption Sampling, Phenoldisulfonic acid Method ⁽⁴⁾ 2) Instrumental Analyzer Method ⁽¹⁾
20	Selenium	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁴⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
21	Sulfur Dioxide	1) Absorption Sampling, Barium-Thorin Titrimetric Method ⁽¹⁾ 2) Instrumental Analyzer Method ⁽¹⁾
22	Sulfuric Acid	Isokinetic Sampling, Barium-Thorin Titrimetric Method ⁽¹⁾

23 Total Suspended Particulate...

ลำดับ	สารเคมี	วิธีการตรวจ
23	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method ⁽¹⁾
24	Vanadium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁾
25	Xylene	1) Bag Sampling, Gas Chromatographic Method ⁽¹⁾ 2) Adsorption Sampling, Gas Chromatographic Method ⁽¹⁾

สิ่งกีดขวางที่วัดได้ในห้อง จำนวน 35 รายการ

ลำดับ	สารเคมี	วิธีการตรวจ
1	Aldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(14,15) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(14,15)
2	Antimony	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(6,14) 2) Digestion, Inductively Coupled Plasma Method ^(7,14)
3	Arsenic	1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ^(4,14) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(6,14) 3) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁴⁾ 4) Digestion, Inductively Coupled Plasma Method ^(7,14)
4	Barium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(6,14) 2) Digestion, Inductively Coupled Plasma Method ^(7,14)
5	Beryllium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(6,14) 2) Digestion, Inductively Coupled Plasma Method ^(7,14)
6	Cadmium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(4,14) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(6,14) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(7,14) 4) Digestion, Inductively Coupled Plasma Method ^(7,14)
7	Chlordane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(14,15) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(14,15)

Chlorine...

ลำดับ	สารมลพิษ	วิธีการตรวจ
8	Chromium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(2,4,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,13) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)
9	Chromium (VI)	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method; Waste Extraction, Colorimetric Method, Calculation ^(2,4,14) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method; Waste Extraction, Colorimetric Method, Calculation ^(2,4,14) 3) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method, Calculation ^(2,4,13) 4) Digestion, Inductively Coupled Plasma Method, Alkaline Digestion, Colorimetric Method, Calculation ^(2,4,13)
10	Chromium (VI)	1) Waste Extraction, Colorimetric Method ^(2,13) 2) Alkaline Digestion, Colorimetric Method ^(2,13)
11	Cobalt	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,14) 2) Digestion, Inductively Coupled Plasma Method ^(2,14)
12	Copper	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(2,4,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,13) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)
13	2,4-D	1) Waste Extraction, Gas Chromatographic Method ^(2,14) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,1)
14	DDD	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,14) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,14)

DDE..

ลำดับ	สารมลพิษ	วิธีการตรวจ
15	DDE	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
16	DOT	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
17	Dieldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
18	Endrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
19	Heptachlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
20	Lead	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(2,4,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,14) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)
21	Lindane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^(2,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,13) 3) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)

Mercury (VI)..

ลำดับ	สารมลพิษ	วิธีการตรวจ
22	Mercury (VI)	3) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method ^(2,1)
23	Methoxychlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)
24	Molybdenum	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,14) 2) Digestion, Inductively Coupled Plasma Method ^(2,14)
25	Nickel	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(2,4,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,13) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)
26	Polychlorinated Biphenyls - Aroclor 1016 - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260 - 2-Chlorobiphenyl - 2,3-Dichlorobiphenyl - 2,2',5-Tetrachlorobiphenyl - 2,4',5-Tetrachlorobiphenyl - 2,2',3,5'-Tetrachlorobiphenyl - 2,2',5,5'-Tetrachlorobiphenyl - 2,3',4,4'-Tetrachlorobiphenyl - 2,2',3,4,5'-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4,6-Pentachlorobiphenyl	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(2,13)

Polychlorinated Biphenyls(๑๑) ..

ลำดับ	สารมลพิษ	วิธีการตรวจ
27	Polychlorinated Biphenyls(๑๑) - 2,2',3,4,4',5'-Hexachlorobiphenyl - 2,2',3,4,5,5'-Hexachlorobiphenyl - 2,2',3,5,5',6'-Hexachlorobiphenyl - 2,2',4,4',5,5'-Hexachlorobiphenyl - 2,2',3,5',4,4',3'-Heptachlorobiphenyl - 2,2',3,4,4',5,5'-Heptachlorobiphenyl - 2,2',3,4,4',5,6'-Heptachlorobiphenyl - 2,2',3,4',5,5',6'-Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^(2,4,13) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(2,4,13) Electrometric Method ^(2,13)
28	pH	Electrometric Method ^(2,13)
29	Selenium	1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ^(2,4,13) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,14) 3) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ^(2,13) 4) Digestion, Inductively Coupled Plasma Method ^(2,14)
30	Silver	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,14) 2) Digestion, Inductively Coupled Plasma Method ^(2,14)
31	Thallium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(2,4,13) 2) Digestion, Inductively Coupled Plasma Method ^(2,14)

32 Toxaphene..

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
32	Toxaphene	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾
33	Trichloromethylene	1) Waste Extraction, Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾ 2) Waste Extraction, Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾ 3) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾ 4) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
34	Veratridine	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
35	Zinc	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽⁴⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽⁴⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾

สาร จำนวน 125 รายการ

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
1	Acenaphthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
2	Acetone	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
3	Aldrin	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
4	Anthracene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾

Anthracene (๑๖)

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
4	Anthracene (๑๖)	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
5	Antimony	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
6	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
7	Atrazine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
8	Barium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
9	Benzo(a)anthracene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
10	Benzene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
11	Benzo(b)fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
12	Benzo(k)fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
13	Benzoic acid	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
14	Benzo(a)pyrene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
15	Benzo(g,h,i)perylene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
16	Beryllium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾

17 Bis(2-chloroethyl)ether...

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
17	Bis(2-chloroethyl)ether	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
18	Bis(2-ethoxy)phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
19	Bromochloromethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
20	Bromoform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
21	Butanol	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
22	Butyl benzyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
23	Cadmium	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
24	Carbazole	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
25	Carbon disulfide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
26	Carbon tetrachloride	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
27	Chloroane	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
28	p-Chloroaniline	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
29	Chlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
30	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
31	Chloroform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
32	2-Chlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾

33 Chromium...

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
33	Chromium	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽⁴⁾
34	Chromium (III)	1) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation ⁽¹⁾⁽³⁾⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation ⁽¹⁾⁽³⁾⁽⁴⁾
35	Chromium (VI)	Alkaline Digestion, Colorimetric Method ⁽¹⁾⁽⁴⁾
36	Chrysene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
37	Cyanide	Extraction, Distillation, Colorimetric Method ⁽¹⁾⁽²⁾
38	2,4-D	Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾
39	DDD	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
40	DDE	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
41	DDT	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
42	Dibenz(a,h)anthracene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
43	Di-n-butyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾
44	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾

45 1,3-Dichlorobenzene...

ลำดับ	สารเคมี	วิธีวิเคราะห์
45	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
46	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
47	3,3'-Dichlorobenzidine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
48	1,1-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
49	1,2-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
50	1,1-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
51	cis-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
52	trans-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
53	2,4-Dichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
54	1,2-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
55	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
56	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
57	Dieldrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾

58 Diethyl phthalate...

ลำดับ	สารเคมี	วิธีวิเคราะห์
58	Diethyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
59	2,6-Dimethylphenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
60	2,4-Dinitrophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
61	2,4-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
62	2,6-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
63	Din-Octyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
64	Endosulfan	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
65	Endrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
66	Ethylbenzene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
67	Fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
68	Fluorene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
69	Heptachlor	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
70	Heptachlor epoxide	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾

Heptachlor epoxide (H.E.)

ลำดับ	สารเคมี	วิธีวิเคราะห์
70	Heptachlor epoxide (H.E.)	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
71	Hexachlorobenzene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
72	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
73	n-Hexane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
74	α-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
75	β-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
76	γ-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
77	Hexachlorocyclopentadiene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
78	Hexachloroethane	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
79	Indeno[1,2,3-cd]pyrene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
80	Isophorone	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
81	Lead	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽³⁾
82	Manganese	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽³⁾

83 Mercury...

ลำดับ	สารเคมี	วิธีวิเคราะห์
83	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾⁽³⁾ 2) Thermal Decomposition, Amalgamation and Atomic Absorption Spectrometric Method ⁽¹⁾⁽³⁾
84	Methanol	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
85	Methoxychlor	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
86	Methyl bromide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
87	Methylene chloride	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
88	2-Methylphenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
89	2-Methylnaphthalene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
90	Methyl tert-butyl ether	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
91	Naphthalene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
92	Nickel	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽³⁾
93	Nitrobenzene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
94	N-Nitrosodiphenylamine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
95	N-Nitrosodi-n-propylamine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾
96	Polychlorinated Biphenyls - Aroclor 1016	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽³⁾

Polychlorinated Biphenyls (PCBs)...

ลำดับ	สารเคมี	วิธีวิเคราะห์
96	Polychlorinated Biphenyls(พีบี) - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260 Polychlorinated Biphenyls - 2-Chlorobiphenyl - 2,3-Dichlorobiphenyl - 2,2',5-Trichlorobiphenyl - 2,4,5-Trichlorobiphenyl - 2,2',3,5-Tetrachlorobiphenyl - 2,2',5,5'-Tetrachlorobiphenyl - 2,3',4,4'-Tetrachlorobiphenyl - 2,2',3,4,5-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4,4'-Pentachlorobiphenyl - 2,2',3,3',4,5'-Hexachlorobiphenyl - 2,2',3,4,5,5'-Hexachlorobiphenyl - 2,2',3,5,5',6'-Hexachlorobiphenyl - 2,2',4,4',5,5'-Hexachlorobiphenyl - 2,2',3,3',4,4',5-Heptachlorobiphenyl - 2,2',3,4,4',5,5'-Heptachlorobiphenyl - 2,2',3,4,4',5,6'-Heptachlorobiphenyl - 2,2',3,4',5,5',6'-Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹²⁸⁾ Ultrasonic Extraction, Gas Chromatographic Method ⁽¹²⁹⁾

97 Pentachlorophenol...

ลำดับ	สารเคมี	วิธีวิเคราะห์
97	Pentachlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹³⁰⁾
98	Phenanthrene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹³¹⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹³²⁾
99	Phenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹³³⁾
100	Pyrene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹³⁴⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹³⁵⁾
101	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹³⁶⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹³⁷⁾
102	Silver	Digestion, Inductively Coupled Plasma Method ⁽¹³⁸⁾
103	Styrene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹³⁹⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴⁰⁾
104	1,1,1,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴¹⁾
105	Tetrachloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴²⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴³⁾
106	Toluene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴⁴⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴⁵⁾
107	Toxaphene	Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁴⁶⁾
108	TPH (C ₆ -C ₈)	1) Purge and Trap, Gas Chromatographic Method ⁽¹⁴⁷⁾ 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴⁸⁾
109	TPH (C ₆ -C ₁₀)	Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁴⁹⁾
110	TPH (C ₁₀ -C ₁₅)	Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁵⁰⁾

111 1,2,4-Trichlorobenzene...

ลำดับ	สารเคมี	วิธีวิเคราะห์
111	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵¹⁾
112	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵²⁾
113	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵³⁾
114	Trichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁴⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁵⁾
115	2,4,5-Trichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁶⁾
116	2,4,6-Trichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁷⁾
117	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁸⁾
118	Vanadium	Digestion, Inductively Coupled Plasma Method ⁽¹⁵⁹⁾
119	Vinyl acetate	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁰⁾
120	Vinyl chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶¹⁾
121	m-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶²⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶³⁾
122	o-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁴⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁵⁾
123	p-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁶⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁷⁾
124	Xylene (Total)	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁸⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁶⁹⁾

125 Zinc...

ลำดับ	สารเคมี	วิธีวิเคราะห์
125	Zinc	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁷⁰⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁷¹⁾

เอกสารอ้างอิง

- กระทรวงอุตสาหกรรม. ประกาศกระทรวงอุตสาหกรรม, พ.ศ. 2549. เรื่อง กำหนดค่าปริมาณสารเคมีที่ถือเป็นอันตรายที่ระบายนอกจากปล่อยของหมักน้ำทิ้งจากฟาร์มเลี้ยงสัตว์. ราชกิจจานุเบกษา, 4 ธันวาคม 2549. เล่มที่ 123 ตอนพิเศษ 125 ง.
- สมาคมวิศวกรรมสิ่งแวดล้อมแห่งประเทศไทย. คู่มือวิเคราะห์น้ำเสีย. พิมพ์ครั้งที่ 4. กรุงเทพฯ: เป็นนกันต์กราฟิค, 2547.
- กระทรวงอุตสาหกรรม. ประกาศกระทรวงอุตสาหกรรม, พ.ศ. 2566. เรื่อง กำหนดการตั้งปลั๊กหรือวาล์วขึ้นในถังเก็บน้ำเสีย. ราชกิจจานุเบกษา, 31 พฤษภาคม 2566. เล่มที่ 140 ตอนพิเศษ 125 ง.
- APHA, AWWA, WEF. Standard Methods for the Examination of Water and Wastewater, 24th ed. Washington, DC: APHA, 2023.
- United States Environmental Protection Agency. Standards of Performance for New Stationary Sources, 40 CFR 60, Appendix A, 2020.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. SW-846, 2014.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods: Acid Digestion of Sediments, Sludges, and Soils. SW-846 Method 3050B, 1996.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Alkaline Digestion for Hexavalent Chromium. SW-846 Method 3060A, 1996.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste 3. Physical/Chemical Methods, Separatory Funnel Liquid-Liquid Extraction. SW-846 Method 3510C, 1996.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods: Ultrasonic Extraction. SW-846 Method 3550C, 2007.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods: Volatile Organic Compounds in Various Sample Matrices Using Equilibrium Headspace Analysis. SW-846 Method 5021A, 2014.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods: Purge and Trap for Aqueous Samples. SW-846 Method 5030C, 2003.
- United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods: Closed System Purge and Trap and Extraction for Volatile Organics in Soil and Waste Sample. SW-846 Method 5035A, 2006.
- United States...

14. United States...

14. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Inductively Coupled Plasma-Optical Emission Spectrometry. SW-846 Method 6010D, 2014

15. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Flame Atomic Absorption Spectrophotometry. SW-846 Method 7000B, 2007.

16. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Arsenic (Atomic Absorption, Gaseous Hydride). SW-846 Method 7061A, 1992

17. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Chromium, Hexavalent (Colorimetric). SW-846 Method 7196A, 1992.

18. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Mercury in Liquid Waste (Manual Cold Vapor Technique). SW-846 Method 7470A, 1990

19. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique). SW-846 Method 7471B, 1998.

20. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry. SW-846 Method 7473, 2007.

21. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Selenium (Atomic Absorption, Borohydride Reduction). SW-846 Method 7742, 1994.

22. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Nonhalogenated Organics Using GC/FID. SW-846 Method 8015D, 2003.

23. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Organochlorine Pesticides by Gas Chromatography. SW-846 Method 8081B, 2007.

24. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Polychlorinated Biphenyls (PCBs) by Gas Chromatography. SW-846 Method 8082A, 2007.

25. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Organochlorine Pesticides by Gas Chromatography. SW-846 Method 8081B, 2007.

26. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization. SW-846 Method 8151A, 1990

27. United States

27. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry. SW-846 Method 8260D, 2013.

28. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry. SW-846 Method 8270E, 2013.

29. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Cyanide Extraction Procedure for Solids and Oils. SW-846 Method 9013A, 2014.

30. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Cyanide in Waters and Extracts using Titrimetric and Manual Spectrophotometric Procedures. SW-846 Method 9014, 2014.

31. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. pH Electrometric Measurement. SW-846 Method 9040C, 2004.

32. United States Environmental Protection Agency. Test Methods for Evaluation Solid Waste Physical/Chemical Methods. Soil and Waste pH. SW-846 Method 9045D, 2014