

รายการความต้องการสารมาตรฐาน ปีงบประมาณ พ.ศ. 2562

ที่	รายการ	Grade	ขนาด	ชื่อ
1	(-)-Riboflavin Purity $\geq 98\%$ P/N R4500		5 g	Sigma-Aldrich
2	100 mg/L Quality Control Standard 21	Standard	125 mL	PerKin Elmer
3	1000 mg/L Arsenic in 2% HNO ₃	Standard	125 mL	PerKin Elmer
4	1000 mg/L Cadmium in 2% HNO ₃	Standard	125 mL	PerKin Elmer
5	1000 mg/L Fe	Standard	125 mL	PerKin Elmer
6	1000 mg/L Lead in 2% HNO ₃	Standard	125 mL	PerKin Elmer
7	1000 mg/L Mercury in 10% HNO ₃	Standard	125 mL	PerKin Elmer
8	13C12 dieldrin	standard	1.2 ml	Cambridge Isotope Laboratories, Inc. CLM-4726-1.2
9	13C12 pp'-DDE	standard	5 mg	Cambridge Isotope Laboratories, Inc. CLM-1627-5
10	13C6 gamma-HCH	standard	1.2 ml	Cambridge Isotope Laboratories, Inc. CLM-1282-1.2
11	13C6-hexachlorobenzene	standard	10 mg	Dr. Ehrenstrofer
12	17a-Estradiol	standard	0.1 g	Dr. Ehrenstrofer
13	1-Amino-hydration (AHD) purity $\geq 98\%$	standard	100 mg	Dr. Ehrenstrofer
14	1-Amino-hydration -D2 (AHD-D2) purity	standard	100 mg	Dr. Ehrenstrofer
15	1-Amino-hydration -D2 (AHD-D2) purity $\geq 99\%$	internal standard	100 mg	Dr. Ehrenstrofer
16	3-Amino-5-morpholonomethyl-2-oxazolidinone (AMOZ)	43056-63-9	50 mg	Dr. Ehrenstorfer
17	3-Amino-5-morpholonomethyl-2-oxazolidinone-D5 (AMOZ-D5)	1017793-94-0	25mg	WITEGA
18	3-Amino-oxazolidin-2-one (AOZ)	80-65-9	50 mg	WITEGA
19	3-Amino-oxazolidin-2-one-D4 (AOZ-D4)	1188331-23-8	10 mg	WITEGA
20	3-Amino-oxazolidine-2-one (AOZ) purity $\geq 99\%$	standard	50 mg	Witaga
21	3-Amino-oxazolidine-2-one-D4 (AOZ-D4) purity $\geq 99\%$	internal standard	10 mg	Witaga
22	3-Amino-s-(4-morpholinomethyl) oxazolidin-2-one-D5 (AMOZ-D5) purity	internal standard	25 mg	Witaga
23	abametin		0.1g	Dr. Ehrenstorfer

24	Acaricide Pesticide Mix Set 1, 100 mg/kg	standard	1.1 ml	TRM
25	acephate	standard	0.1-0.25g	Dr. Ehrenstrofer
26	Aflatoxin B1	standard	1 ml	Supelco
27	Aflatoxin B2	standard	1 ml	Supelco
28	Aflatoxin G1	standard	1 ml	Supelco
29	Aflatoxin G2	standard	1 ml	Supelco
30	Aflatoxin M1	98%	50 µg	Sigma
31	Aldicarb-sulfoxide		0.1g	Dr. Ehrenstorfer
32	aldrin	standard	≥ 10 mg	LGC/NMIA
33	Aloin	STD	100 mg	Sigma
34	Aloin B (P)	STD	25 mg	ChromaDex
35	Aloin B 6906-100 mg	STD	100 mg	Sigma
36	alpha-BHC	standard	0.1 g	Dr. Ehrenstrofer
37	alpha-Chlordane	standard	10 mg	Dr. Ehrenstrofer
38	alpha-Endosulfan	standard	0.1 g	Dr. Ehrenstrofer
39	Alprazolam	standard	0.1 g	Dr. Ehrenstrofer ทรัพย์สิน USP
40	Aluminium (Al)	Standard	125 ml	PerKin Elmer
41	ametryn	standard	0.1-0.25g	Dr. Ehrenstrofer
42	Aminomethylphosphonic acid (AMPA); 99%	standard	100 mg	Dr. Ehrenstrofer
43	Ammonium Acetate	≥99%	1 kg	Merck
44	AMPA-C ¹³ N ¹⁵	internal standard		Dr. Ehrenstrofer
45	ampicillin trihydrate purity ≥98 %	standard	0.1g	Dr. Ehrenstrofer
46	Antimony (Sb)	Standard	125 ml	PerKin Elmer
47	Arsenobetaine (AsB)	Standard	50 mg	sigma-Aldrich
48	As ⁺³ Arsenic 1000 µg/mL in H ₂ O	Standard	125 mL	high-purity std.

49	As ⁺⁵ Arsenic 1000 µg/mL in H ₂ O	Standard	125 mL	high-purity std.
50	Ascorbic acid	AR	500 g	
51	atrazine	1912-24-9	0.25g	Dr. Ehrenstorfer
52	Barium (Ba)	Standard	125 ml	PerKin Elmer
53	Benzoic acid ≥99.5% CAS: 65-85-0 (242381-100G)	STD	100 g	sigma
54	beta-Endosulfan	standard	0.1 g	Dr. Ehrenstrofer
55	bifenazate	standard	0.1-0.25g	Dr. Ehrenstrofer
56	Bifenthrin	standard	0.1 g	Dr. Ehrenstrofer
57	Bisacodyl	standard	0.1 g	Dr. Ehrenstorfer
58	boioresmethrin	28434-01-7	0.25g	Dr. Ehrenstorfer
59	Boron trifluoride 14% in MeOH	AR	100 ml	Sigma-Aldrich
60	Bromate (1000 mg/l) (บริด 3)	IC Standrad	100 ml	AccuStand
61	brombuterol hydrochloride purity ≥98 %	standard	0.01g	Dr. Ehrenstrofer
62	bromopropylate	standard	0.1-0.25g	Dr. Ehrenstrofer
63	Buffer solution, pH 10	-	1000 ml	Merck
64	Buffer solution, pH 10	CRM	250 ml	Metler Toledo
65	Buffer solution, pH 4	-	1000 ml	Merck
66	Buffer solution, pH 4	CRM	250 ml	Metler Toledo
67	Buffer solution, pH 7	-	1000 ml	Merck
68	Buffer solution, pH 7	CRM	250 ml	Metler Toledo
69	buprofezin	standard	0.1-0.25g	Dr. Ehrenstrofer
70	Butylated hydroxy toluene หรือ 3,5-Di-tert-4-butylhydroxytoluene (BHT) CAS No. 128-37-0	std	500 mg	Supelco
71	Cacodylic	Standard	1 g	TRC

72	Calcium (Ca)	Standard	125 ml	PerKin Elmer
73	CALIBRATION SET FOR B-540/B545 (37454)	Standard	1 ຈຸດ	BUCHI
74	calibration set for free and total chloride	Standard	10ml	HANNA
75	calibration set for free and total chloride	Standard	10ml	HANNA
76	calibration set for Turbidimeter	Standard	10ml	HANNA
77	Capsaicin	STD	100 g	
78	Capsaisin	STD	100-250 g	
79	Carbamate Pesticide Mix Set 1, 100 mg/kg	standard	1.1 ml	TRM
80	carbetamide	16118-49-3	0.25g	Dr. Ehrenstorfer
81	Carbofuran-3-keto		10mg	Dr. Ehrenstorfer
82	carboxin	standard	0.1-0.25g	Dr. Ehrenstrofer
83	cefalonium purity \geq 98 %	standard	0.1 g	sigma
84	cefapirin purity \geq 96 %	standard	0.1 g	Sigma-Aldrich
85	cefazolin sodium salt purity \geq 95 %	standard	0.1 g	Dr. Ehrenstrofer
86	cefepime di HCl monohydrate	standard	150 mg	Dr. Ehrenstrofer
87	cefotaxime sodium salt	standard	100 mg	Dr. Ehrenstrofer
88	ceftazidime	standard	200 mg	Dr. Ehrenstrofer
89	ceftriaxone sodium	standard	100 mg	Dr. Ehrenstrofer
90	chloramphenicol -d5	standard	100 ug/ml	Dr. Ehrenstrofer
91	chlorfenapyr	standard	0.1-0.25g	Dr. Ehrenstrofer
92	chlorfenvinphos	standard	0.1-0.25g	Dr. Ehrenstrofer
93	Chloride	IC Standrad	100 ml	Fluga
94	Chloride (1000 mg/l) (໓໐໓ 3)	IC Standrad	100 ml	AccuStand
95	chloroxuron	1982-47-4	0.25g	Dr. Ehrenstorfer
96	Chromium (Cr)	Standard	125 mL	PerKin Elmer

97	ciprofloxacin hydrochloride purity $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
98	cis-heptachlor epoxide	standard	0.1-0.25g	Dr. Ehrenstrofer
99	clenbuterol hydrochloride purity $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
100	clenbuterol-d9	standard	10 mg	witega
101	clethodim		0.1g	Dr. Ehrenstorfer
102	clothianidin	210880-92-5	0.1g	Dr. Ehrenstorfer
103	cloxacillin sodim salt hydrate $\geq 98\%$	standard	0.25 g.	Dr. Ehrenstrofer
104	colistin sulfate	standard	100 mg	Dr. Ehrenstrofer
105	Conductivity Standard solution 84 $\mu\text{S}/\text{cm}$	CRM	250 ml	Metler Toledo
106	Copper (Cu)	Standard	125 mL	PerKin Elmer
107	Cr^{+3} (Chromium $^{+3}$) 1000 $\mu\text{g}/\text{mL}$	Standard	125 mL	high-purity std.
108	Cr^{+6} (Chromium $^{+6}$) 1000 $\mu\text{g}/\text{mL}$	Standard	125 mL	high-purity std.
109	Cyanide Standard for IC	Standard	100 mL/๗๗๑	
110	cyflumetofen	400882-07-7	0.1g	Dr. Ehrenstorfer
111	Cyfluthrin	standard	0.25 g	Dr. Ehrenstrofer
112	cyfluthrin	standard	0.1-0.25g	Dr. Ehrenstrofer
113	Cypermethrin	standard	0.1 g	Dr. Ehrenstrofer
114	cypermethrin	standard	0.1-0.25g	Dr. Ehrenstrofer
115	D(-)- Fructose	$\geq 99\%$	500 g	Sigma
116	D(+)- Glucose	R&D	250 g	Sigma
117	D(+)- Lactose monohydrate	BioXtra, $\geq 99\%$	1 kg	Sigma
118	D(+)- Maltose monohydrate	(GC)	100 g	Sigma
119	D(+)- TREHALOSE DIHYDRATE 99%	Standard	5 g	ALFA AESAR
120	Deltamethrin	standard	0.25 g	Dr. Ehrenstrofer
121	Dexamethasone	standard	0.1g	Dr. Ehrenstorfer

122	Diazepam	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
123	Diazinon	standard	0.25 g	Dr. Ehrenstrofer
124	dicamba	19-18-00-9	0.25g	Dr. Ehrenstorfer
125	dichlorprop	120-36-5	0.25g	Dr. Ehrenstorfer
126	Dichlorvos	standard	0.25 g	Dr. Ehrenstrofer
127	dicloxacillin sodium hydrate $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
128	Dicofol	standard	0.1 g	Dr. Ehrenstrofer
129	Dicrotophos	standard	0.1 g	Dr. Ehrenstrofer
130	Dieldrin	standard	50 mg	Dr. Ehrenstrofer
131	dieldrin	standard	≥ 10 mg	LGC/NMIA
132	Difloxacin hydrochloride purity $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
133	Dimethoate	standard	0.1 g	Dr. Ehrenstrofer
134	Dimethylarsinic acid (DMA)	Standard		
135	Dioxin and Furan Calibration solutions		0.2 mL จำนวน 6	
136	Dioxin-like PCBs Calibration solutions		0.2 mL จำนวน 6	
137	EDTA disodium salt dihydrate รหัส E6635, 98.5-101.5%	STD	100 g	Sigma-Aldrich
138	electrode storage/ No. 910001 (ใช้กับเครื่องวัด pH)	standard	475 ml	Thermo
139	Endosulfan-Sulfate	standard	0.1 g	Dr. Ehrenstrofer
140	Endrin	standard	0.1 g	Dr. Ehrenstrofer
141	enrofloxacin $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
142	Ephedrine hydrochloride	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
143	EPN	standard	0.1 g	Dr. Ehrenstrofer
144	Erythritol, CAS No. 149-32-6	CRM	1 g	Sigma
145	Erythromycin -d6	standard	1 mg	TRC

146	erythromycin \geq 98 %	standard	0.1 g	Dr. Ehrenstrofer
147	Ethion	standard	0.25 g	Dr. Ehrenstrofer
148	ethirimol	23947-60-6	0.1g	Dr. Ehrenstorfer
149	etrimphos	standard	0.1-0.25g	Dr. Ehrenstrofer
150	famoxadone	131807-57-3	0.1g	Dr. Ehrenstorfer
151	fenbuconazole		0.1g	Dr. Ehrenstorfer
152	Fenflulamine	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
153	Fenfluramine HCl	standard	0.5 mg	LGC
154	fenobucarb	3766-81-2	0.25g	Dr. Ehrenstorfer
155	fenoxy carb	72490-01-8	0.25g	Dr. Ehrenstorfer
156	fenpropathrin	standard	0.1-0.25g	Dr. Ehrenstrofer
157	fensulfothion	115-90-2	0.1g	Dr. Ehrenstorfer
158	Fenvalerate	standard	0.25 g	Dr. Ehrenstrofer
159	fenvalerate	standard	0.1-0.25g	Dr. Ehrenstrofer
160	Flamprop-M-isopropyl	63782-90-1	0.25g	Dr. Ehrenstorfer
161	Florfenicol purity \geq 99 %	standard	0.1 g	Dr. Ehrenstrofer
162	flubendiamide	272451-65-7	0.1g	Dr. Ehrenstorfer
163	flumequine \geq 98 %	standard	0.25 g	Dr. Ehrenstrofer
164	fluometuron	2164-17-2	0.1g	Dr. Ehrenstorfer
165	fluopicolide	239110-15-7	0.1g	Dr. Ehrenstorfer
166	Fluoride (1000 mg/l)	IC Standrad	100 ml	AccuStand <input type="checkbox"/>
167	Fluoride (1000 mg/l)	IC Standrad	100 ml	Fluka
168	Fluoride ISE standard 1000 mg/L as F ⁻		500 ml	Mettler Toledo

169	fluoxetine hydrochloride purity $\geq 99\%$	standard	10 mg	Dr. Ehrenstorfer
170	fluroxypyr	69377-81-7	0.1g	Dr. Ehrenstorfer
171	flurtamone	96525-23-4	0.1g	Dr. Ehrenstorfer
172	folpet	standard	0.1-0.25g	Dr. Ehrenstrofer
173	fomesafen		0.1g	Dr. Ehrenstorfer
174	Formaldehyde, QC 1380-20ml	CRM	20 ml	Sigma-Aldrich
175	furathiocarb			CHEM SERVICE
176	gamma chlordane	standard	≥ 10 mg	LGC/NMIA
177	gamma cyhalothrin	standard	0.1-0.25g	Dr. Ehrenstrofer
178	gamma-Chlordane	standard	10 mg	Dr. Ehrenstrofer
179	gamma-HCH (lindane)	standard	≥ 10 mg	LGC/NMIA
180	Ginsenoside Rb ₁ Purity > 84 %	STD	25 mg	Chromadex
181	Ginsenoside Rc Purity > 83 %	STD	25 mg	Chromadex
182	Ginsenoside Re Purity > 86 %	STD	25 mg	Chromadex
183	Ginsenoside Rf Purity > 90 %	STD	25 mg	Chromadex
184	Ginsenoside Rg ₁ Purity > 89 %	STD	25 mg	Chromadex
185	Glyphosate ¹³ C ₂ ¹⁵ N	internal standard		Dr. Ehrenstrofer
186	Heptachlor	standard	0.1 g	Dr. Ehrenstrofer
187	hexachlorobenzene	standard	≥ 10 mg	LGC/NMIA
188	hexazinone	51235-04-2	0.1g	Dr. Ehrenstorfer
189	Imaxalil	35554-44-0	0.1g	Dr. Ehrenstorfer
190	imazethapyr	81335-77-5	100 mg	CHEM SERVICE
191	imazosulfuron	122548-33-8	0.1g	Dr. Ehrenstorfer
192	imidacloprid	138261-41-3	0.1g	Dr. Ehrenstorfer
193	Internal Standard 10 µg/mL Bi	Standard	125 mL	PerKin Elmer

194	Internal Standard 10 µg/mL Ge	Standard	125 mL	PerKin Elmer
195	Internal standard Cyanuric acid, 100 ug/mL		1.2 mL	
195	Internal standard Cyanuric acid, 100 ug/mL		1.2 mL	
196	Internal standard Melamine, 100 ug/mL		1.2 mL	
197	Internal Standard Mix 10 µg/mL Bi, Ge, In, Li6, Sc, Tb, Y	Standard	125 mL	PerKin Elmer
198	Iodine 1000 ug/ml	standards	125 ml	High purity standards
199	iprovalicarb	140923-17-7	0.1 g	Dr. Ehrenstorfer
200	Iron standard for AAS 1000 mg/L		250 ml	Fluka
201	isoprocarb		0.1 g	Dr. Ehrenstorfer
202	isoproturon	34123-59-6	0.1 g	Dr. Ehrenstorfer
203	Josamycin purity ≥98 %	standard	0.1 g	Dr. Ehrenstrofer
204	L- Ascorbic acid Purity ≥99% P/N A5960 □	BioXtra, ≥99.%	25 g	Sigma-Aldrich
205	L(+)-Norvaline	≥99%	5 g	ACROS Organics
206	Lambda-cyhalothrin	standard	0.1 g	Dr. Ehrenstrofer
207	L-Cystine	≥99%	5 g	SIGMA-ALDRICH
208	levofloxacin purity ≥99 %	standard	0.1 g	Dr. Ehrenstrofer
209	lincomycin hydrochloride monohydrate	standard	0.25g	Dr. Ehrenstrofer
210	lincomycin hydrochloride purity ≥98 %	standard	0.1 g	Dr. Ehrenstrofer
211	Lorazepam	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
212	L-Tryptophan	≥98%	25 g	Sigma-aldrich
213	Manganese (Mn)	Standard	125 mL	PerKin Elmer
214	Magnesium (Mg)	Standard	125 ml	PerKin Elmer
215	Mannitol, CAS No. 69-65-8	CRM	1 g	Sigma
216	Marker PCB Extraction Stabdard (13C12)		10 mL	
217	MCPA	94-74-6	0.25g	Dr. Ehrenstorfer

218	mecoprop	93-65-2	0.1g	Dr. Ehrenstorfer
219	Mepiquat chloride	24307-26-4	0.1g	Dr. Ehrenstorfer
220	metalaxyl	standard	0.1-0.25g	Dr. Ehrenstrofer
221	metalaxyl	57837-19-1	0.1g	Dr. Ehrenstorfer
222	Methamidophos	standard	0.1 g	Dr. Ehrenstrofer
223	Methidathion	standard	0.1 g	Dr. Ehrenstrofer
224	Method 508.1 Organochlorine pesticide Mixture	standard	1 ml	Ultra Scientific analytical Solution
225	Methoxychlor	standard	0.1 g	Dr. Ehrenstrofer
226	methoxyfenzide	161050-58-4	0.1g	Dr. Ehrenstorfer
227	Methyl red	AR	25 g	Sigma-Aldrich
228	Methylmercury (II) chloride	Standard	5 g	sigma-Aldrich
229	metosulam	139528-85-1	0.1g	Dr. Ehrenstorfer
230	Mevinphos	standard	0.1 g	Dr. Ehrenstrofer
231	Monocrotophos	standard	0.1 g	Dr. Ehrenstrofer
232	Monocrotophos	6923-22-4	0.1g	Dr. Ehrenstorfer
233	Monolinuron	1746-81-2	0.1g	Dr. Ehrenstorfer
234	Monomethylarsonic acid (MMA) (Methyl Arsenic acid disodium salt)	Standard	100 mg	TRC
235	nafcillin sodium salt monohydrate purity \geq 90 %	standard	0.1 g	Dr. Ehrenstrofer
236	Nafcillin sodium salt monohydrate \geq 97 %	standard	0.1 g.	sigma
237	naled	standard	0.1-0.25g	Dr. Ehrenstrofer
238	Nalidixic acid purity \geq 99 %	standard	0.1 g	Dr. Ehrenstrofer
239	nalidixic acid \geq 98 %	standard	0.1g	Dr. Ehrenstrofer
240	NexION Dual Detector Calibration Solution 200 µg/L Al, Ba, Ce, Co, Cu, In, Li, Mg, Mn, Ni, Pb, Tb, U, Zn in 2% HNO3	Standard	125 mL	PerKin Elmer

241	NexION Setup solution 1µg/L Be, Ce, Fe, In, Li, Mg, Pb, U in 1% HNO3	Standard	500 mL	PerKin Elmer
242	Nickel (Ni)	Standard	125 mL	PerKin Elmer
243	Nitrate (1000 mg/l)	IC Standrad	100 ml	AccuStand
244	Non Dioxin-like PCBs Calibration solutions		0.2 mL จำนวน 6 ระดับความเข้มข้น	
245	norfloxacin \geq 98 %	standard	0.1 g.	Dr. Ehrenstrofer
246	norfloxacin-d5	standard	10 mg	Dr. Ehrenstrofer
247	N-said	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
248	ofloxacin purity \geq 99 %	standard	0.1 g	Dr. Ehrenstrofer
249	oleandomycin triacetate \geq 98 %	standard	0.1 g	Dr. Ehrenstrofer
250	Oleandomycin.phosphat-dihydrate purity \geq 98 %	standard	0.1 g	Dr. Ehrenstrofer
251	Omethoate	standard	0.1 g	Dr. Ehrenstrofer
252	Organochlorine Pesticide Mix Set 1, 100mg/kg	standard	1.1 ml	TRM
253	Organonitrogen Pesticide Mixture	standard	1 ml	Ultra Scientific analytical Solution
254	Organophosphate Pesticide Mix Set 1, 100mg/kg	standard	1.1 ml	TRM
255	Organophosphate Pesticide Mix Set 2, 100mg/kg	standard	1.1 ml	TRM
256	Organophosphate Pesticide Mix Set 3, 100mg/kg	standard	1.1 ml	TRM
257	Orlistat	standard	1.0g	Sigma-Aldrich
258	ormetoprim \geq 98 %	standard	0.25g	Dr. Ehrenstrofer
259	oxacilin sodium salt hydrate \geq 98 %	standard	0.1 g.	Dr. Ehrenstrofer
260	Oxy-Chlordane	standard	10 ml	Dr. Ehrenstrofer
261	p,p'-DDD	standard	0.25 g	Dr. Ehrenstrofer
262	p,p'-DDE	standard	0.1 g	Dr. Ehrenstrofer
263	p,p'-DDT	standard	0.1 g	Dr. Ehrenstrofer

264	PAH-Mix9 20950009	20950009	10 ml	Dr. Ehrenstorfer
265	Parathion	standard	0.1 g	Dr. Ehrenstrofer
266	Parathion-methyl	standard	0.1 g	Dr. Ehrenstrofer
267	p-Diethylbenzene, purity 98.9%	Standard	100 mg	ChemService
268	Penicillin G potassium salt $\geq 98\%$	standard	0.25 g	Dr. Ehrenstrofer
269	Penicillin V potassium salt $\geq 98\%$	standard	0.1 g.	Dr. Ehrenstrofer
270	PerkinElmer Pure VIII mix Al, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Se, Pb, Sr, Te, Tl, Zn	Standard	125 ml	PerKin Elmer
271	Permethrin	standard	0.25 g	Dr. Ehrenstrofer
272	permethrin	standard	0.1-0.25g	Dr. Ehrenstrofer
273	pH 10.01 buffer /NO. 910110 (ใช้กับเครื่องวัด pH)	standard	475 ml	Thermo
274	pH 4.01 buffer /NO. 910104 (ใช้กับเครื่องวัด pH)	standard	475 ml	Thermo
275	pH7.00 buffer /NO. 910107 (ใช้กับเครื่องวัด pH)	standard	475 ml	Thermo
276	Phenolphthalein	standard	0.25 g	USP reference standard
277	Phentermine hydrochloride	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
278	phenthoate	standard	0.1-0.25g	Dr. Ehrenstrofer
279	Phosalone	standard	0.1 g	Dr. Ehrenstrofer
280	phosmet	standard	0.1-0.25g	Dr. Ehrenstrofer
281	Pirimiphos-methyl	standard	0.258 g	Dr. Ehrenstrofer
282	Potassium (K)	Standard	125 ml	PerKin Elmer
283	Potassium bromide		100 g	Fluka
284	Potassium dichromate $\geq 99.93\%$ Certipur [®]	STD	50-80 g	Merck
285	Potassium Hydrogen phthalate 99.95-99.97%	STD	50-80 g	Merck
286	Potassium nitrate (1.05063.0500)	STD	500 g	Merck
287	Potassium standard for AAS 1000 mg/L		250 ml	Fluka

288	pp'DDE	standard	≥ 10 mg	LGC/NMIA
289	Prednisolone	standard	0.25 g	Dr. Ehrenstorfer
290	Profenofos	standard	0.25 g	Dr. Ehrenstrofer
291	Profoxydim lithium salt	SZBD221XV	0.1g	Sigma-aldrich
292	prometon	1610-18-0	0.1g	Dr. Ehrenstorfer
293	propargite	standard	0.1-0.25g	Dr. Ehrenstrofer
294	Propionaldehyde	99%	0.25 g	Dr.Ehrenstorfer
295	Propionic acid ³ 99.5% (81910)	STD	250 ml	Fluka
296	propoxur	114-26-1	0.25g	Dr. Ehrenstorfer
297	Propyl gallate รหัส 48710 $\geq 98.0\%$	STD	100 g	Sigma-Aldrich
298	propyzamide	23950-58-5	0.25g	Dr. Ehrenstorfer
299	Prothiophos	standard	50 mg	Dr. Ehrenstrofer
300	prothoate	2275-18-5	-0.1g	Dr. Ehrenstorfer
301	Pyrethroid Pesticide Mix Set 1, 100 mg/kg	standard	1.1 ml	TRM
302	pyrimethanil	standard	0.1-0.25g	Dr. Ehrenstrofer
303	quinalphos	standard	0.1-0.25g	Dr. Ehrenstrofer
304	quintozene	standard	0.1-0.25g	Dr. Ehrenstrofer
305	ractopamine-D6	internal standard	1 mg	toronto research chemical INC
306	Roxithomycin purity $\geq 98\%$	standard	0.1 g	Dr. Ehrenstrofer
307	Salicylic acid	Standard	100 กรัม/ขวด	
308	SAL-T 75	-	-	NOVASINA
309	SAL-T 90	-	-	NOVASINA
310	SAL-T 97	-	-	NOVASINA
311	Sarafoxacin HCl $\geq 96\%$	standard	0.1 g	Dr. Ehrenstrofer
312	Selenium (Se)	Standard	125 ml	PerKin Elmer

313	Semicarbaside Hydrochloride (SEM-C13) purity \geq 99 %	internal standard	100 mg	Dr. Ehrenstrofer
314	Semicarbazide hydrochloride (SEM 13C, 15N2)	563-41-7	100 ug/ml	Cambridge Isotope
315	Semicarbazide hydrochloride (SEM)	563-41-7	0.1g	Dr. Ehrenstorfer
316	Sibutramine hydrochloride	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
317	Sildenafil citrate	standard	0.1 g	Dr. Ehrenstrofer หรือ USP
318	Silver (Ag)	Standard	125 ml	PerKin Elmer
319	Smart Tune Solution Standard ELAN&DRC-e, 10mg/ml			PerKin Elmer
320	Sodium (Na)	Standard	125 ml	PerKin Elmer
321	Sodium carbonate	NIST SRM	80 g	MERCK CertiPUR
322	Sorbic acid \geq 99.0% CAS 110-44-1 (S1626-100G)	STD	100 g	sigma
323	Sorbitol, CAS No. 50-70-4, ³ 99%	std	5 g	Sigma
324	spinetoram	935545-74-7	0.1g	Dr. Ehrenstorfer
325	SRM 1566b Oyster		25 g	
326	SRM 1568b Rice Flour		50 g	
327	Standard 10 μ g/mL Mn	Standard	125 mL	PerKin Elmer
328	Standard Cyanuric acid (CAS 108-80-5)	purity > 99%	25 g	
329	Standard Tetrodotoxin (CAS4368-28-9)	purity > 95%	1 mg	
330	Storage Solution		475 ml	Thermo scientific
331	Sucralose ³ 98% (69293)	STD	100 g	Sigma
332	Sucrose	BioXtra, \geq 99.5%	1 kg	Sigma
333	sulfadiazine purity \geq 99 %	standard	0.1 g	Dr. Ehrenstrofer
334	sulfadiazine purity \geq 99 %	standard	0.1 g	Dr. Ehrenstrofer
335	sulfadimethoxine-D6 purity \geq 99 %	internal standard	0.1 g	Dr. Ehrenstrofer
336	Sulfadoxine -D3	standard	10 mg	sigma
337	sulfadoxine-D3 purity \geq 99 %	internal standard	0.1 g	Dr. Ehrenstrofer

338	Sulfadoxinel $\geq 98\%$	standard	0.1g	Dr. Ehrenstrofer
339	sulfamerazine purity $\geq 99\%$	standard	0.1 g	Dr. Ehrenstrofer
340	Sulfamethizole $\geq 98\%$	standard	0.25g	Dr. Ehrenstrofer
341	sulfamethoxazole purity $\geq 99\%$ (Cas NO 723-46-6)	standard	0.25 g	Dr. Ehrenstrofer
342	Sulfamethoxypyridazine $\geq 98\%$	standard	0.25g	Dr. Ehrenstrofer
343	sulfamethoxypropyrodazine-D3 purity $\geq 99\%$	internal standard	0.1 g	Dr. Ehrenstrofer
344	Sulfamonomethoxine sodium $\geq 98\%$	standard	0.1g	Dr. Ehrenstrofer
345	Sulfate (1000 mg/l)	IC Standrad	100 ml	Fluka
346	Sulfate (1000 mg/l)	IC Standrad	100 ml	AccuStand
347	sulfathiazole purity $\geq 99\%$ (Cas NO 72-14-0)	standard	0.25 g	Dr. Ehrenstrofer
348	Sulfuric acid Solution 0.01 mol/l (0.02N)		1 L	Scharlau
349	tadalafil HCl	standard	0.1 g	Dr. Ehrenstorfer
350	tebufenpyrad	standard	0.1-0.25g	Dr. Ehrenstrofer
351	tecnazene	standard	0.1-0.25g	Dr. Ehrenstrofer
352	Tellurium 1000 ug/ml	standards	125 ml	High purity standards
353	terbufos	standard	0.1-0.25g	Dr. Ehrenstrofer
354	terbumeton	33693-04-8	0.25g	Dr. Ehrenstorfer
355	tert-Butyl hydroquinone รหัส 112941 99%	STD	5 g	Aldrich
356	Tetracycline HCl $\geq 96\%$	standard	0.25 g	Dr. Ehrenstrofer
357	tetradifon	standard	0.1-0.25g	Dr. Ehrenstrofer
358	Tetrodotoxin	Standard	1 มิลลิกรัม/ขวด	
359	Thaumatococin		1 g	Fisher Scientific or equivalent
360	Thiamine hydrochloride Purity $\geq 99\%$ P/N T4625		5 g	Sigma-Aldrich
361	thiofanox	39196-18-4	0.1g	Dr. Ehrenstorfer

362	Thiofanox-sulfoxide	39184-27-5	0.1g	Dr. Ehrenstorfer
363	thiometon	standard	0.1-0.25g	Dr. Ehrenstrofer
364	Tin (Sn)	Standard	125 mL	PerKin Elmer
365	Titanium oxide (TiO ₂) 99-100% CAS No. 13463-67-7	STD	100-250 g	-
366	tolclofos-methyl	standard	0.1-0.25g	Dr. Ehrenstrofer
367	tolyfluanid	standard	0.1-0.25g	Dr. Ehrenstrofer
368	tralkoxydim	87820-88-0	0.25g	Dr. Ehrenstorfer
369	Trans-heptachlor-epoxide	standard	10 mg	Dr. Ehrenstrofer
370	Tri-allate	2303-17-5	0.25g	Dr. Ehrenstorfer
371	Triazophos	standard	0.1 g	Dr. Ehrenstrofer
372	triclopryr		0.25g	Dr. Ehrenstorfer
373	Tricresylphosphate		0.25 กรัม	Dr.Ehrenstorfer GmbH
374	Trimethoprim \geq 98 %	standard	0.25 g	Dr. Ehrenstrofer
375	triphenyl phosphase	standard	10 ml	Dr. Ehrenstrofer
376	Tris(2-chloro-1-(chloromethyl)ethyl)phosphate	136-74-87-8	0.1g	Dr. Ehrenstorfer
377	Tylosin tartrate \geq 98 %	standard	0.25 g.	Dr. Ehrenstrofer
378	Vardenafil HCl	standard	0.1 g	Dr. Ehrenstorfer
379	Xylitol, CAS No. 87-99-0, ³ 99%	std	5 g	Sigma
380	Zilpaterol \geq 96 %	standard	2.5 mg	TRC
381	Zinc (Zn)	Standard	125 mL	PerKin Elmer
382	zoxamide	156052-68-5	0.1g	Dr. Ehrenstorfer
383	ชุด Enzyme ตรวจ L-glutamic acid	AR	1 กล่อง	Boehringer Mannheim
384	สีอินทรีสังเคราะห์ Acid red 52 CAS No.3520-42-1 \geq 95.0%	STD	100 mg	Dr.Ehrenstofer GmbH
385	สีอินทรีสังเคราะห์ Carminic acid (Natural Red 4) CAS No. 1260-17-9 \geq 90%	STD	10 - 25 g	Sigma-Aldrich
386	แอสฟาแตม >99%	STD	500 mg	Supelco

387	doxycycline $\geq 98.7\%$	standard	0.1 g	Dr. Ehrenstorfer
388	sulfamethoxine-d4 $\geq 98\%$	standard	0.1 g	Dr. Ehrenstorfer
389	phenyl cyclohexane, purity $\geq 97\%$	Standard	25 g	Sigma-Aldrich
390	methyl stearate, purity $\geq 98\%$	Standard	50 g	Sigma-Aldrich
391	benzophenone, purity $\geq 98\%$	Standard	10 g	Sigma-Aldrich
392	1000 ug/mL Lead (Atomic Spectroscopy Standard)	Atomic Spectroscopy Standard	125 mL	Perkin
393	1000 ug/mL Arsenic (Atomic Spectroscopy Standard)	Atomic Spectroscopy Standard	125 mL	Perkin
394	1000 ug/mL Tin (Atomic Spectroscopy Standard)	Atomic Spectroscopy Standard	125 mL	Perkin
395	EMR [®] -BD 151 SKIMMED MILK POWDER	CRM	20 g	S.M Chemical Supplies / Power Tech
396	Fumonisin B1			S.M Chemical Supplies
397	Fumonisin B2			S.M Chemical Supplies
398	Fumonisin B3			S.M Chemical Supplies
399	HT-2 Toxin			S.M Chemical Supplies
400	Sterigmatocystin			S.M Chemical Supplies
401	T-2 Toxin			S.M Chemical Supplies
402	Zearalenone			S.M Chemical Supplies

403	Aflatoxin B1 - ¹³ C ₁₇ (Aflatoxin B1 - 13C17: ความเข้มข้น 0.5 ug/mL หรือมากกว่า พร้อมใบ certificate วันหมดอายุอย่างน้อย 1 ปี (หลังจากวันที่รับของ)			S.M Chemical Supplies
404	Fumonisin B1 - ¹³ C ₃₄			S.M Chemical Supplies
405	Ochratoxin A - ¹³ C ₂₀			S.M Chemical Supplies
406	DIOXIN/FURAN NATIVE MIX ALL (17) 2378 ISOMERS + 1368 TCDD/F + 1379 TCDD (UNLABELED) 1/2/5 UG/ML		1.2 mL in nonane	Power Tech
407	WHO Coplanar and Mono-Ortho PCBs unlabeled		1.2 mL in isooctane	Power Tech
408	Unlabeled PCB Mixture		1.2 mL in isooctane	Power Tech
410	ABS-00003310-025;Catechin hydrate,(+)-(P)	std	25 mg	Chromadex
411	ABS-00005125-025;Epicatechin ,(-)-(P)	std	25 mg	Chromadex
412	ABS-00005135-025;Epicatechin gallate,(-)-(P)	std	25 mg	Chromadex
413	ABS-00005145-025;Epigallocatechin,(-)-(P)	std	25 mg	Chromadex
414	ABS-00005150-025;Epigallocatechin gallate,(-)-(P)	std	25 mg	Chromadex

ผู้ดำเนินการ : ศศิธร & กมลวรรณ