



## ANALYSIS RATE OF DRUGS AND RESIDUES IN ANIMAL FEEDS AND ANIMAL PRODUCTS

No.	Test items	Methods	Samples	Analysis rate (Baht)
1	<b>Heavy metals :</b> Cadmium (Cd), Chromium (Cr), Copper (Cu), Iron (Fe), Lead (Pb), Manganese (Mn), Zinc (Zn)	AAS	soil, water, plant, meat, feces, urine, blood, animal feed, food and animal products	500/1 element /sample
2	<b>Heavy metals :</b> Arsenic (As), Mercury (Hg), Selenium (Se)	MP-AES	soil, water, plant, meat, feces, urine, blood, animal feed, food and animal products	800/1 element /sample
3	<b>Organochlorine group :</b> Aldrin, BHC, Chlordane, Dieldrin, 4,4'DDD, 4,4'DDE, 4,4'DDT, Endosulfan, Heptachlor, PCBs	GC- $\mu$ ECD	soil, water, plant, meat, feces, urine, blood, animal feed, food and animal products	2,500/1 analyte/sample
4	<b>Organophosphorus group :</b> Chloryriphos, Deltamethrintrizophos, Diazinon, Dicrotophos, Dimethoate, Fenitrothion, Malathion, Methamidophos, Mevinphos, Monocrotophos, Parathion, Pirimiphosmethyl, Profenophos, Prothiophos	GC- $\mu$ ECD	soil, water, plant, meat, feces, urine, blood, feed, food and animal products	2,500/1 analyte/sample
5	<b>Mycotoxin :</b> <b>Single toxin</b> Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxin M1, Deoxynivalenol, Fumonisin B1, Ochratoxin A, T2 Toxin, Zeralenone <b>Multiple toxins</b> Aflatoxins (AFB <sub>1</sub> , AFB <sub>2</sub> , AFG <sub>1</sub> , AFG <sub>2</sub> ) (4 Toxins)  Aflatoxins (AFB <sub>1</sub> , AFB <sub>2</sub> , AFG <sub>1</sub> , AFG <sub>2</sub> ), T2 Toxin (5 Toxins)  Ochratoxins, Fumonisin B1, Deoxynivalenol, Nivalenol (4 Toxins)	ELISA HPLC LC-MS/MS	raw material of animal feed, animal feed, animal products	1,500 (HPLC)/2,500 (LC-MS/MS)/ 1,500 (ELISA*)  3,000 (HPLC)/6,000 (LC-MS/MS)/1,500 (ELISA*) 6,000 (LC-MS/MS)  7,500 (LC-MS/MS)  9,500 (LC-MS/MS)



No.	Test items	Methods	Samples	Analysis rate (Baht)
	Aflatoxins (AFB <sub>1</sub> , AFB <sub>2</sub> , AFG <sub>1</sub> , AFG <sub>2</sub> ), T2 Toxin, Deoxynivalenol, Nivalenol, Ochratoxins, Zearalenone ( <b>9 Toxins</b> )			
6	<b>Antibiotic :</b> Beta-Lactams Amoxicillin, Ampicilin Chloramphenicol Colistin Fluoroquinolones Enrofloxacin, Ciprofloxacin, Danofloxacin, Marbofloxacin, Sarafloxacin Malachite green Nitrofurans (Parent drug) Nitrofurazone, Nitrofurantoin, Furaltadone, Furazolidone Quinolones Oxolinic acid, Flumequine, Nalidixic acid Sulfonamides Sulfadiazine, Sulfathiazole, Sulfamethoxazole, Sulfapyridine Tetracyclines Doxycycline Oxytetracycline Tiamulin Tilmicosin Tylosin	HPLC LC-MS/MS	food and animal feed, animal products	3,000 (LC-MS/MS) 3,000 (LC-MS/MS) 4,000 (LC-MS/MS) 1,250 (HPLC)/2,500 (LC-MS/MS) 3,000 (LC-MS/MS) 3,000 /drug (LC-MS/MS)  1,250 (HPLC)  1,250 (HPLC)  1,500 (HPLC) 1,250 (HPLC) 4,000 (LC-MS/MS) 4,000 (LC-MS/MS) 4,000 (LC-MS/MS)
7	Melamine	HPLC	milk, animal product, raw material of animal feed, animal feed	1,500
8	Ivermectin	HPLC	milk, animal product, raw material of animal feed, animal feed	1,500

**หมายเหตุ** \* อัตราค่าบริการการวิเคราะห์ตัวอย่างโดยวิธี ELISA ต่อการส่งตรวจหนึ่งครั้ง

อัตราค่าบริการ (บาท/ตัวอย่าง)		
1 ตัวอย่าง	3-10 ตัวอย่าง	10 ตัวอย่างขึ้นไป
1,500	750	450