

Mass Spectrometry Unit: Liquid Chromatography coupled to Mass Spectrometry

Group	Compound	CAS Number				
Pharmaceutical compounds	Ketoprofen	22071-15-4				
	Naproxen	22204-53-1				
	Ibuprofen	15687-27-1				
	Indomethacine	53-86-1				
	Acetaminophen	103-90-2				
	Salicylic acid	69-72-7				
	Diclofenac	15307-79-6				
	Phenazone	60-80-0				
	Propyphenazone	479-92-5				
	Piroxicam	36322-90-4				
	Tenoxicam	59804-37-4				
	Meloxicam	71125-39-8				
	Oxycodone	124-90-3				
	Codeine	76-57-3				
	Bezafibrate	41859-67-0				
	Gemfibrozil	25812-30-0				
	Pravastatin	81131-70-6				
	Fluvastatin	93957-54-1				
	Atorvastatin	134523-03-8				
	Carbamazepine	298-46-4				
	10,11-epoxycarbamazepine	36507-30-9				
	Acridonea	578-95-0				
	Sertraline	79559-97-0				
	Citalopram	59729-32-7				
	Venlafaxine	99300-78-4				
	Olanzapine	132539-06-1				
	Trazodone	25332-39-2				
	Fluoxetine	56296-78-7				
	Norfluoxetine	83891-03-6				
	Paroxetine	110429-35-1				
	Diazepam	439-14-5				
	Lorazepam	846-49-1				
	Alprazolam	28981-97-7				
	Loratadine	79794-75-5				
	Desloratadine	100643-71-8				
	Ranitidine	66357-59-3				
	Famotidine	76824-35-6				
	Cimetidine	51481-61-9				
	Atenolol	29122-68-7				
	Sotalol	959-24-0				
	Propranolol	318-98-9				
	Metoprolol	56392-17-7				
	Nadolol	42200-33-9				
	Carazolol	57775-29-8				
	Hydrochlorothiazide	58-93-5				
	Furosemide	54-31-9				
	Torasemide 48	56211-40-6				
	Glibenclamide	10238-21-8				
	Amlodipine	111470-99-6				
	Losartan	124750-99-8				
	Irbesartan	138402-11-6				
	Valsartan	137862-53-4				
	Clopidogrel	135046-48-9				
	Tamsulosin	106463-17-6				
	Salbutamol	18559-94-9				
	Warfarin	81-81-2				
	Iopromide	73334-07-3				
	Albendazole	54965-21-8				
	Thiabendazole	148-79-8				
	Levamisole	16595-80-5				
	Dexamethasone	50-02-2				
	Xylazine	23076-35-9				
	Azaperone	1649-18-9				
	Azaperol	2804 05 9				
	Erythromycin	59319-72-1				
	Azithromycin	83905-01-5				
	Clarithromycin	81103-11-9				
Tetracycline	64-75-5					
Ofloxacin	82419-36-1					
Ciprofloxacin	85721-33-1					
Sulfamethoxazole	723-46-6					
Trimethoprim	738-70-5					
Metronidazole	443-48-1					
Metronidazole-OH	4812-40-2					
Dimetridazole	551-92-8					
Ronidazole	7681-76-7					
Cefalexin	15686-71-2					
Diltiazem	42399-41-7					
Verapamil	152-11-4					
Norverapamil	67812-42-4					
N° of samples	External rate (€/sample)					
	up to 5 compounds	6 -10 compounds	11 -30 compounds	31 -60 compounds	61 -80 compounds	
	1 sample	465,82 €	497,55 €	543,81 €	578,54 €	612,06 €
	2-10 samples	164,32 €	192,31 €	230,04 €	258,34 €	286,52 €
	11-50 samples	148,11 €	175,77 €	212,74 €	240,47 €	268,17 €
>50 samples	144,98 €	172,60 €	209,48 €	237,13 €	264,78 €	

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Group	Compound	CAS Number	
Antibiotics	Ciprofloxacin	85721-33-1	
	Ofloxacin	82419-36-1	
	Enrofloxacin	93106-60-6	
	Marbofloxacin	115550-35-1	
	Norfloxacin	70458-96-7	
	Pipemidic acid	51940-44-4	
	Amoxicillin	26787-78-0	
	Ampicillin	69-53-4	
	Penicillin V	87-08-1	
	Cefalexin	15686-71-2	
	Ceftiofur	80370-57-6	
	Azithromycin	83905-01-5	
	Clarithromycin	81103-11-9	
	Tilmicosin	108050-54-0	
	Tetracycline	60-54-8	
	Chlortetracycline	57-62-5	
	Doxycycline	564-25-0	
	Oxytetracycline	79-57-2	
	Clindamycin	18323-44-9	
	Lincomycin	154-21-2	
	Trimethoprim	738-70-5	
	Sulfamethoxazole	723-46-6	
	Sulfadiazine	68-35-9	
	Sulfapyridine	144-83-2	
	Sulfamethazine	57-68-1	
	Metronidazole	443-48-1	
	Metronidazole-OH	4812-40-2	
	Tiamulin	55297-95-5	
	Flubendazole	31430-15-6	
	Flunixin	38677-85-9	
Florfenicol	73231-34-2		
N° of samples	External rate (€/sample)		
	up to 5 compounds	6 -10 compounds	11 -30 compounds
1 sample	373,75 €	282,74 €	330,17 €
2-10 samples	148,05 €	179,87 €	248,79 €
11-50 samples	135,18 €	166,36 €	216,96 €
>50 samples	131,95 €	159,58 €	196,51 €

Group	Compound	CAS Number	
Endocrine Disrupting Compounds	Estrone (E1)	53-16-7	
	Estradiol (E2)	50-28-2	
	Estriol (E3)	50-27-1	
	Ethinylestradiol (EE2)	57-63-6	
	Estrone 3-sulfate	1240-04-6	
	Estriol 3-sulfate	5150-64-1	
	Progesterone	57-83-0	
	Testosterone	58-22-0	
	Triclosan	5150-64-1	
	Methylparaben	99-76-3	
	Ethylparaben	120-47-8	
	Propylparaben	94-13-3	
	Benzylparaben	94-18-8	
	Bisphenol A	80-05-7	
	Caffeine	58-08-2	
	Octylphenol	1806-26-4	
	Nonylphenol	84852-15-3	
	Benzotriazole-1H	95-14-7	
	Tris(2-butoxyethyl) phosphate (TBEP)	78-51-3	
	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	
Tris(chloroisopropyl) phosphate (TCPP)	13674-84-5		
N° of samples	External rate (€/sample)		
	up to 5 compounds	6 -10 compounds	11 -21 compounds
1 sample	379,48 €	408,85 €	448,38 €
2-10 samples	147,69 €	175,45 €	212,51 €
11-50 samples	136,14 €	163,76 €	200,59 €
>50 samples	133,57 €	161,17 €	197,97 €

Group	Compound	CAS Number
Pesticides	Diuron (DIU)	330-54-1
	Isoproturon (ISP)	34123-59-6
	Diclorvós (DCV)	62-73-7
	Clorpirifós (CLP)	2921-88-2
	Clorfenvifós (CLF)	470-90-6
	Alaclor (ALA)	15972-60-8
	Trifluralina (TFR)	1582-09-8
	Atrazina (ATR)	1912-24-9
	Terbutilazina (TBA)	5915-41-3
	Simazina (SMZ)	122-34-9
N° of samples	External rate (€/sample)	
	up to 5 compounds	6 -10 compounds
1 sample	364,95 €	398,19 €
2-10 samples	140,72 €	179,48 €
11-50 samples	126,55 €	159,49 €
>50 samples	122,11 €	149,75 €

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Group	Compound	CAS Number	
Watch List (UE, 2015/495)	Estrone (E1)	53-16-7	
	Estradiol (E2)	50-28-2	
	Ethinylestradiol (EE2)	57-63-6	
	Diclofenac	15307-86-5	
	2,6-Ditert-butyl-4-methylphenol (BHT)	128-37-0	
	2-Ethylhexyl 4-methoxycinnamate (Octyl methoxycinnamate)	5466-77-3	
	Erythromycin	114-07-8	
	Clarithromycin	81103-11-9	
	Azithromycin	83905-01-5	
	Methiocarb	2032-65-7	
	Imidacloprid	105827-78-9	
	Thiacloprid	111988-49-9	
	Thiamethoxam	153719-23-4	
	Clotianidin	210880-92-5	
	Acetamiprid	135410-20-7	
	Oxadiazon	19666-30-9	
	Triallate	2303-17-5	
N° of samples	External rate (€/sample)		
	up to 5 compounds	6 -10 compounds	11 -17 compounds
1 sample	452,21 €	482,45 €	511,24 €
2-10 samples	137,53 €	168,65 €	197,67 €
11-50 samples	119,21 €	148,36 €	176,57 €
>50 samples	115,89 €	143,50 €	171,10 €