



## Industrial Hygiene Analytical Methods

The following methods are commercially available through the SafeBridge analytical laboratory:

Chemical	Air Monitoring Device/ Media	Analytical technique	Approximate Analytical Sensitivity ng/sample
Acitretin	L	HPLC-UV	50
Actinomycin D	wipes	HPLC-UV	100
Amphotericin B	L	HPLC-UV	400
Atropine sulfate	J	HPLC UV	125
Bromocriptine mesylate	G	HPLC-UV	500
Butalbital	G	HPLC-UV	2000
Butoconazole nitrate	A	HPLC-UV	500
Calcitriol	M	RIA	0.25
Calcitriol	wipes	RIA	0.25
Cefaclor	wipes	HPLC-UV	200
Cefamandole nafate	wipes	HPLC-UV	100
Cefazolin sodium	wipes	HPLC-UV	100
Ceftazidime	wipes	HPLC-UV	100
Cefuroxime axetil	wipes	HPLC-UV	100
Cefuroxime sodium	wipes	HPLC-UV	200
Cephalexin	wipes	HPLC-UV	100
Cephalothin	wipes	HPLC-UV	300
Chlormadinone acetate	A	HPLC-UV	50
Chlorohydrine	A	HPLC-UV	1000
Clozapine base	G	HPLC-UV	780
Cyclosporin A	G	HPLC-UV	500
Darifenacin	H	HPLC-UV	125
Deslorelin	G	EIA	0.1
Desogestrel	G	HPLC-UV	20
Diatrizoic acid	G	HPLC-UV	156
Digoxin	P	EIA	1.5
Digoxin	P	HPLC-UV	150
Digoxin	wipes	HPLC-UV	150
Doxifluridine	L	HPLC-UV	25
Doxycycline hyclate	H	HPLC-UV	500
17-beta estradiol	G	ELISA	0.1
Estradiol benzoate	A	HPLC-UV	10
Estradiol benzoate	A	RIA	0.1
Ethinyl estradiol	G	EIA	0.2
Ethinyl estradiol	G	HPLC-FL	10
Ethinyl estradiol	wipes	HPLC-FL	60
Etretinate	M	HPLC-UV	50
5-fluorouracil	L	HPLC-UV	10
Fenprostalene	A	RIA	0.5

Chemical	Air Monitoring Device/ Media	Analytical technique	Approximate Analytical Sensitivity ng/sample
Filgrastim	G	EIA	0.25
Floxuridine	L	HPLC-UV	50
Fludrocortisone acetate	J	HPLV-UV	10
Flumethasone	A	HPLC-UV	10
Flunisolide	C	RIA	0.2
Fluocinolone acetonide	G	EIA	0.2
Fluocinolone acetonide	G	HPLC-UV	20
Fluocinonide	A	HPLC-UV	20
Fluorescein	N	OD	625
Ganciclovir	A	HPLC-UV	100
Hydrazoic acid	O	HPLC-UV	50 (300)
Insulin	A	RIA	0.2
Insulin	H	HPLC-UV	2000
Isotretinoin	L	HPLC-UV	100
Ketorolac tromethamine	A	HPLC-UV	100
Leuprolide	wipes	EIA	5
Leuprolide	G	EIA	0.2
Laidlomycin propionate	A	HPLC-UV	400
Laidlomycin	A	HPLC-UV	400
Levonorgestrel	G	HPLC-UV	10
Mestranol	A	RIA	0.05
Mycophenolate mofetil	A	HPLC-UV	200
Nafarelin acetate	G	EIA	0.1
Naproxen	A	HPLC-FL	2
Naproxen sodium	A	HPLC-FL	2
Naproxen sodium	wipes	HPLC-FL	2
Nicardipine HCl	A	HPLC-UV	1000
Norethindrone	A	HPLC-UV	10
Norethindrone acetate	wipes	HPLC-UV	30
Norethindrone acetate	G	HPLC-UV	30
Norgestimate	G	HPLC-UV	10
Oriostat	D	HPLC-UV	10 000
Oxfendazole	A	HPLC-UV	1000
Oxytetracycline, (terramycin)	H	HPLC-UV	2500
Pergolide mesylate	G	HPLC-FL	8.5
Pilocarpine HCl	G	HPLC-UV	600
Prasterone (DHEA, dehydroepiandrosterone)	G	HPLC-UV	100
Procarbazine hydrochloride (matulene)	L	HPLC-UV	100
Progesterone	A	HPLC-UV	10
Ranolazine free base	A	HPLC-UV	500
Ranolazine HCl	A	HPLC-UV	500
Ribavirin	J	HPLC-UV	30
Rifaximin	G	HPLC-UV	17 000
Salinomycin sodium	L	HPLC-UV	500
Sertindole	G	HPLC-UV	200
Tamoxifen citrate	I	HPLC-UV	200
Temazepam	I	HPLC-UV	500

Chemical	Air Monitoring Device/ Media	Analytical technique	Approximate Analytical Sensitivity ng/sample
Testosterone propionate	A	HPLC-UV	10
Tezacytabine (FMdC)	L	HPLC-UV	20
Thalidomide	E	HPLC-UV	30
Ticlopidine HCl	A	HPLC-UV	200
Tobramycin	G	HPLC-UV	2000
Tolcapone	D	HPLC-UV	5000
Trenbolone acetate	A	HPLC-UV	5
Tretinoin, vesanoid	L	HPLC-UV	50
Vit D3 (cholecalciferol)	G	RIA	2.5
Vit D3	F	HPLC-UV	120
Warfarin	G	HPLC-UV	50
Zalcitabine	A	HPLC-UV	100
Zopiclone	G	HPLC-UV	38

Legend: ng = nanograms  
RIA = Radioimmunoassay

HPLC = High Performance Liquid Chromatography  
EIA = Enzyme immunoassay

<p><b>A</b> - 37 GF, 1 µm / CP / PS - 37 mm glass filter 1 µm pore size type A/E, and cellulose support pad assembled into polystyrene cassette</p> <p><b>B</b> - 37 GF, 1 µm / CP / PP - 37 mm glass filter 1 µm pore size type A/E, and cellulose support pad assembled into polypropylene cassette</p> <p><b>C</b> - 37 QF, 1 µm / CP / PP - 37 mm quartz filter 1 µm pore size, and cellulose support pad assembled into polypropylene cassette</p> <p><b>D</b> - 37 QF, 1 µm / CP / PS - 37 mm quartz filter 1 µm pore size, and cellulose support pad assembled into polystyrene cassette</p> <p><b>E</b> - 37 QF, 1 µm / QF / PS - Two 37 mm quartz filters 1 µm pore size, assembled into polystyrene cassette</p> <p><b>F</b> - 37 TF, 1 µm / CP / PC - 37 mm teflon filter 1 µm pore size, and cellulose support pad assembled into polycarbonate cassette</p> <p><b>G</b> - 37 TF, 1 µm / CP / PP - 37 mm teflon filter 1 µm pore size, and cellulose support pad assembled into polypropylene cassette</p> <p><b>H</b> - 37 TF, 1 µm / CP / 3PP - 37 mm teflon filter 1 µm pore size, and cellulose support pad assembled into 3 pieces polypropylene cassette</p>	<p><b>I</b> - 37 TF, 1 µm / GF / PP - 37 mm teflon filter 1 µm pore size, and glass filter type A/E as support pad assembled into polypropylene cassette</p> <p><b>J</b> - 25 TF, 1 µm / CP / PP - 25 mm teflon filter 1 µm pore size, and cellulose support pad assembled into polypropylene cassette</p> <p><b>K</b> - 37 TF, 0.5 µm / CP / PP - 37 mm teflon filter 0.5 µm pore size, and cellulose support pad assembled into polypropylene cassette</p> <p><b>L</b> - 37 TF, 1 µm / CP / PS - 37 mm teflon filter 1 µm pore size, and cellulose support pad assembled into polystyrene cassette</p> <p><b>M</b> - 37 TF, 0.5 µm / CP / PS - 37 mm teflon filter 0.5 µm pore size, and cellulose support pad assembled into polystyrene cassette</p> <p><b>N</b> - 37 QF, 1 µm / QF / PP - Two 37 mm quartz filters 1 µm pore size, assembled into polypropylene cassette</p> <p><b>O</b> - Impinger or Orbo 52 tubes</p> <p><b>P</b> - 37 GFF / GFF / PS - Two 37 mm glass fiber filters, assembled into polystyrene cassette</p>
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SafeBridge regularly develops new and custom IH methods that are not listed. For more information please call (650) 961-4820.