

III. Pharmaceutical Testing Services

Analytics works with pharmaceutical companies to first develop and then routinely monitor personal exposure and equipment clearance testing. These proprietary methods are developed by Analytics using similar OSHA/NIOSH methods and then adapting these existing methods to the unique nature of the active ingredients required for your company. The entire process is made simple by Analytics' R&D Staff and only requires minimum input by your company to establish the Occupational Exposure Limit (OEL) and to provide a small portion of the active ingredient required for analysis. The protocol we develop can be used to analyze air exposure samples, as well as samples for wipe clearance and bulk material testing. Analytics also provides containment testing of your entire production process based on the analysis of surrogates such as lactose, naproxen, acetaminophen, and mannitol. Analytics currently has over 200 proprietary and over-the-counter active pharmaceutical ingredients (API) that we analyze routinely.

Compound	Media	ng/ Sample	Method
5-Fluorouracil	J	10	HPLC-UV
Acetaminophen	E, J	1000	HPLC-UV
Acetylsalicylic acid	E, J	2000	HPLC-UV
Aciclovir	E, J	9000	HPLC-UV
Acitretin	J	50	HPLC-UV
Actinomycin D	Wipe	100	HPLC-UV
Amitriptylene	E, J, A	100	HPLC-UV
Amoxicillin	E, J	100	HPLC-UV
Amphotericin B	J	400	HPLC-UV
Anagrelide Hydrochloride	N	70	HPLC-UV
Atracurium besylate	E, J	600	HPLC-UV
Atropine Sulfate	H	125	HPLC-UV
Azothioprine	I/Wipe	100/1000	HPLC-UV
Bendamustine	H/Wipe	100/1000	HPLC-UV
Benzoate	A	10	HPLC-UV
Bromocriptine mesylate	E	500	HPLC-UV
Bupropion HCl	E, J	400	HPLC-UV
Butalbital	E	2000	HPLC-UV
Butoconazole Nitrate	A	500	HPLC-UV
Capsaicin	J	20	HPLC-UV
Capecitabine	E, J	100	HPLC-UV
Cefaclor	Wipe	200	HPLC-UV
Cefamandole Nafate	Wipe	100	HPLC-UV
Cefazolin Sodium	Wipe	100	HPLC-UV
Ceftazidime	Wipe	100	HPLC-UV
Ceftriaxone sodium	N/A	N/A	HPLC-UV
Cefuroxime Axetil	Wipe	100	HPLC-UV
Cefuroxime Sodium	Wipe	200	HPLC-UV
Cephalexin	Wipe	100	HPLC-UV
Cephalothin	Wipe	300	HPLC-UV
Chlordiazepoxide	E, J	40	HPLC-UV
Chlormadinone Acetate	A	50	HPLC-UV
Chlorohydrine	A	1000	HPLC-UV
Clenbuterol	E, J	20	HPLC-UV
Clidinium bromide	E, J	2000	HPLC-UV
Clobetasol propionate	E, J	100	HPLC-UV
Clonazepam	E, J	200	HPLC-UV
Clozapine base	E	780	HPLC-UV
Cyclophosphamide	E, J, A	8000	HPLC-UV
Cyclosporin A	E	500	HPLC-UV

Compound	Media	ng/ Sample	Method
Darifenacin	F	125	HPLC-UV
Desogestrel	E	20	HPLC-UV
Diatrizoic Acid	E	156	HPLC-UV
Digoxin	N/Wipe	150	HPLC-UV
Dihydrocapsaicin	J	20	HPLC-UV
Doxifl Uridine	J	25	HPLC-UV
Doxyclyne Hyclate	F	500	HPLC-UV
Ethinyl Estradiol	E/Wipe	10/60	HPLC-FL
Etretinate	K	50	HPLC-UV
Floxuridine	J	50	HPLC-UV
Flucytosine	J	40	HPLC-UV
Fludrocortisone Acetate	H	10	HPLC-UV
Flumethasone	A	10	HPLC-UV
Fluocinolone Acetonide	A	20	HPLC-UV
Fluocinonide	A	20	HPLC-UV
Fluorescein	L	625	OD
Fluorouracil (5-)	E, J	100	HPLC-UV
Flurazepam	E, J	200	HPLC-UV
Fluticasone Propionate	E, J	2000	HPLC-UV
Ganciclovir Sodium	A	100	HPLC-UV
Hydrazoic Acid	M	50 (300)	HPLC-UV
Hydrocodone	J	200	HPLC-UV
Hydrocodone Bitartrate	J	200	HPLC-UV
Insulin	F	2000	HPLC-UV
Isotretinoin	J	100	HPLC-UV
Ketorolac Tromethamine	A	100	HPLC-UV
Labetalol	E, J	1000	HPLC-UV
Lactose	A/ Wipe	2	IC
Laidlomycin	A	400	HPLC-UV
Laidlomycin Propionate	A	400	HPLC-UV
Lamivudine	E, J	1000	HPLC-UV
Lansoprazole	E	30	HPLC-UV
Lasalocid	E, J	800	HPLC-UV
Levonorgestrel	E	10	HPLC-UV
Mannitol	A/Wipe	1	IC
Mestranol	E, J	80	HPLC-UV
Methamphetamine	E, J	200	HPLC-UV
Methylphenidate	E, J	200	HPLC-UV
Methylphenidate (dex-)	E, J	200	HPLC-UV
Mivacurium HCl	E, J	800	HPLC-UV

Compound	Media	ng/ Sample	Method
Morphine Sulfate	E, J	100	HPLC-UV
Mycophenolate Mofetil	A	200	HPLC-UV
Nadolol	E, J	10	HPLC-UV
Naproxen	A	2	HPLC-FL
Naproxen Sodium	A/Wipe	2	HPLC-FL
Nicardipine Hydrochloride	A	1000	HPLC-UV
Norethindrone	A	10	HPLC-UV
Norethindrone Acetate	E/Wipe	30	HPLC-UV
Norgestimate	E	10	HPLC-UV
Orlistat	B	1000	HPLC-UV
Oseltamivir	E, J	100	HPLC-UV
Oxfendazole	A	1000	HPLC-UV
Oxytetracycline	F	2500	HPLC-UV
Pergolide Mesylate	E	8.5	HPLC-FL
Pilocarpine HCl	E	600	HPLC-UV
Prasterone (DHEA, dehydroepiandrosterone)	E	100	HPLC-UV
Procainamide HCl	E, J	100	HPLC-UV
Procarbazine Hydrochloride	J	100	HPLC-UV
Progesterone	A	10	HPLC-UV
Pyridostigmine Bromide	E, J	200	HPLC-UV
Ramoxifen Citrate	G	200	HPLC-UV
Ranitidine HCl	J	400	HPLC-UV
Ranolazine Free Base	A	500	HPLC-UV
Ranolazine Hydrochloride	A	500	HPLC-UV
Retinol	O	100	HPLC-UV
Ribavirin	H	30	HPLC-UV
Rifaximin	E	17,000	HPLC-UV
Salinomycin Sodium	J	500	HPLC-UV
Sertindole	E	200	HPLC-UV
Sumatriptan Succinate	E, J	1000	HPLC-UV
Temazepam	E	500	HPLC-UV
Testosterone Propionate	A	10	HPLC-UV
Tezacytabine (FMdC)	J	20	HPLC-UV
Thalidomide	C	30	HPLC-UV
Ticlopidine Hydrochloride	A	200	HPLC-UV
Tobramycin	E	2000	HPLC-UV
Tolcapone	B	5000	HPLC-UV
Trenbolone Acetate	A	5	HPLC-UV
Tretinoin, Vesanoid	J	50	HPLC-UV
Triamcinolone	K	50	HPLC-UV
Valaciclovir	J	3000	HPLC-UV
Verapamil	J	200	HPLC-UV
Vitamin D3	D	120	HPLC-UV
Warfarin	E	50	HPLC-UV
Zalcitabine	A	100	HPLC-UV
Zidovudine	E, J	3000	HPLC-UV
Zopiclone	E	38	HPLC-UV

Media Codes:

A - 37 mm glass filter type A/E (1µm) and pad in polystyrene cassette
B - 37 mm quartz filter (1µm) and pad in polystyrene cassette
C - Two 37 mm quartz filters (1µm) in polystyrene cassette
D - 37 mm Teflon filter (1µm) and pad in polycarbonate cassette
E - 37 mm Teflon filter (1µm) and pad in polypropylene cassette
F - 37 mm Teflon filter (1µm) and pad in 3-piece polypropylene cassette
G - 37 mm Teflon filter (1µm) and glass filter type A/E as support pad in polypropylene cassette
H - 25 mm Teflon filter (1µm) and pad in polypropylene cassette
I - 37 mm Teflon filter (0.45µm) and pad in polypropylene cassette
J - 37 mm Teflon filter (1µm) and pad in polystyrene cassette
K - 37 mm Teflon filter (0.5µm) and pad in polystyrene cassette
L - Two 37 mm quartz filters (1µm) in polypropylene cassette
N - Two 37 mm glass filter type A/E (1µm) in polystyrene cassette
O - 25 mm impregnated Teflon filter (1µm) in IOM cassette