intertek

To submit samples please visit our website at http://www.intertek.com/pharmaceutical/analysis/whitehouse-nj/ and use the "Submit a Sample" feature, or visit https://samplesubmission.intertek.com/ for a direct link to the online form. Once you have submitted the online request for analysis, you should ship the samples and shipping manifest to 291 Route 22 East, Salem Industrial Park, Bldg. #5, Whitehouse, NJ 08888 to the attention of Sample Receiving.

Shipping Address:
291 Route 22 East
Salem Industrial Park, Bldg. # 5
Whitehouse, NJ 08888
908-534-4445

FOR INFORMATIONAL PURPOSES ONLY

Not Suitable for GMP Applications.
cGMP Applicaltions Require Documented & Validated Methods Specifically for Clients Compound.

Elemental Analysis Price Schedule

Turnaround Time for all in this section is Next Business Day.
RUSH Requires Advance Notice and 100% Surcharge for a Same Day Turnaround.

Carbon, Hydrogen, Nitrogen	$51
Sulfur	$48
Chlorine	$48
Bromine	$48
Iodine	$51
Fluorine	$59
Dried to Constant Weight	$36
Weight loss on Drying	$41
Combustion Aids	$36
Special Combustion Conditions	$78

Theoretical Analysis	Sample Range (%)	Size (mg)	Additional Information
C, H, N	All Ranges	2	PE 2400 CHN Analyzer for C,H,N Total & Ratios
Sulfur *By Colormetric Titration*	<5 5 - 15 > 15	5-10 3 - 8 1 - 2	
Fluorine	< 5 5 - 15 > 15	10 - 20 3 - 5 1 - 3	Ion Selective Technique
Iodine *By Colormetric Titration*	< 15 15-55 > 55	5-10 2-4 1	
Chlorine *By Colormetric Titration*	<5 5-15 >15	10-15 5-10 1-3	
Bromine *By Colormetric Titration*	<15 15-55 >55	5-10 2-5 1	

Turnaround Time for all in this section is 3-5 Business Days.
RUSH Requires Advance Notice and 100% Surcharge for a 1-2 Business Day Turnaround.

Oxygen, Direct	$51
Karl Fischer Water (Coulometric)	$72
Karl Fischer Water (Volumetric)	$363
pH Determination (requires 0.5 g)	$41
Melting Point (requires 2 mg)	$41
FTIR (requires 1-5 mg)	$250
UV Scan (requires 100 mg)	$250
Optical Rotation	$363
Ion Chromatography:	**Single**
Individual Analytes	$126
Anion Scan: (F-, Cl-, Br-, NO3-, NO2-, PO4-3, SO4-2)	$242
Cation Scan: (Li+, Na+, NH4+, K+)	$209

	Sample Range	Size (mg)	
Oxygen	All Ranges	2	PE 2400 CHN Analyzer fitted with an oxygen accessory kit. Direct oxygen analysis can not be determined on inorganic samples or samples containing phosphorous.
Karl Fischer (Coulometric)	0.1 - 1.0 1.0 - 5.0 > 5.0	25 - 50 10 - 20 5	Volumetric Determination Available Under Special Circumstances
Optical Rotation	10° - 20° > 20o	100 10-20	Informational Purposes Only
			If sample limited, check with the lab for specific sample requirements since each ion has different response factors
Ion Chromatography	.05 - 1 100 ppm	5 - 10 25 - 50	Anion Scan requires 25-50mg Cation Scan requires 25-50mg

Inorganic Analysis:	**Sample Preparation**	**Single Analysis**
ICP-OES	$64	$64
ICP-OES Scan (40-60 Elements)	No Charge	$633
ICP-MS	$96	$128
ICP-MS Scan (63 Elements)	No Charge	$941
Micro-Ash (not USP)	-	$67

Metals Determination:

ICP	1 - 10 ppm 50 - 100 ppm	100 25-50	Can be used for all metals but response level varies. If sample limited confirm detection limits w/ lab. Requests requiring a Hydrofluoric Acid preparation will include a $600 fee per submission. Requests including Osmium and will include a $550 setup fee per submission. Requests including Silicon and will include a $550 setup fee per submission. Cesium must be done by ICP-MS.
ICP-MS	.1 - 1 ppm 5 - 10 ppm	100 25-50	In the event that a customer requests two or more elements, where one must be run on the ICP-MS and one could be run on the ICP-OES, all samples will be run on the ICP-MS. We will not split the samples on two instruments. Requests requiring a Hydrofluoric Acid preparation will include a $950 fee per submission. Requests including Osmium will include a $550 setup fee per submission. Cesium must be done by ICP-MS.
Micro-Ash	5-10	10-25	Informational Purposes Only

Turnaround Time for all in this section is 10-15 Business Days.
RUSH is subject to Resource Availability for a 5-7 Business Day Turnaround.

Gas Chromatography:	**Set-up**	**Per Sample**
1-3 solvents using the same method	$1,320	$605
4 or more solvents using the same method	$1,320	$908
GC-Mass Spectroscopy:	**Set-up**	**Per Sample**
Using Client-Provided Method	$1,815	$908
Routine HPLC/IC Analyses:	**Set-up**	**Per Sample**
Methane Sulfonic Acid (MSA) (by IC), Triflouro Acetic Acid (TFA) (by IC), Acetate (OAc) (by HPLC)	$1,815	$908

Gas Chromatography	100ppm	100	
Solvent List: 1,4-dioxane, Acetaldehyde, Acetone, Acetonitrile, Benzene, Chloroform*, Dichloromethane, Diethyl ether, Dimethyl sulfoxide (DMSO), Ethanol, Ethyl acetate, Heptane, Hexane, Isopropanol, Isopropyl acetate, Isopropyl ether, Methanol, Methyl acetate, Methyl Ethyl Ketone (MEK), Methyl t-butyl ether, n-propyl acetate, Tetrahydrofuran*, Toluene, Trichloroethylene			Additional methods may be necessary when there are solvent interferences. Solvents that are not part of our standard set require method development and will be conducted on a Time & Materials basis. Costs for the method development efforts typically range from $1,650 to $3,300, in addition to the set-up and per sample charges. * THF & Chloroform coelute and can not be quantitated simultaneously using this method

Gas Chromatography - Mass Spectroscopy:
If no method is provided, Intertek-Whitehouse, NJ will develop a method on a Time and Materials basis. Costs for the method development efforts typically range from $1,650 to $3,300 in addition to the set-up and per sample charges.
- Analysis is based on electron impact (EI) fragmentation
- Unknowns are compared to an internal system library

NOTE: Day of Sample Receipt is a Processing Day to get Samples into our Systems / Laboratories. Therefore, the Turnaround Times noted above start on the Day After Sample Receipt.

Effective: March 01, 2023