



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 Applications Require Documented & Validated Methods Specifically for Clients Compound.

Elemental Analysis Price Schedule		Theoretical Analysis	Sample Range (%)	Size (mg)	Additional Information
Turnaround Time for all in this section is Next Business Day. RUSH Requires Advance Notice and 100% Surcharge for a Same Day Turnaround.					
		C, H, N		All Ranges	2
Carbon, Hydrogen, Nitrogen	\$54	<b>Sulfur</b>	<5	5-10	PE 2400 CHN Analyzer for C,H,N Total & Ratios
Sulfur	\$50	By Colormetric Titration	5 - 15	3 - 8	
Chlorine	\$50		> 15	1 - 2	
Bromine	\$50	<b>Fluorine</b>	< 5	10 - 20	Ion Selective Technique
Iodine	\$54		5 - 15	3 - 5	
Fluorine	\$62	By Colormetric Titration	> 15	1 - 3	
Dried to Constant Weight	\$38	<b>Iodine</b>	< 15	5-10	
Weight loss on Drying	\$43		15-55	2-4	
Combustion Aids	\$38	By Colormetric Titration	> 55	1	
Special Combustion Conditions	\$82	<b>Chlorine</b>	<5	10-15	
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	\$54	<b>Oxygen</b>	All Ranges	2	PE 2400 CHN Analyzer fitted with an oxygen accessory kit. Direct oxygen analysis can <u>not</u> be determined on inorganic samples or samples containing phosphorus
Karl Fischer Water (Coulometric)	\$76				
Karl Fischer Water (Volumetric)	\$381	<b>Karl Fischer</b>	0.1 - 1.0	25 - 50	
pH Determination (requires 0.5 g)	\$43	(Coulometric)	1.0 - 5.0	10 - 20	
Melting Point (requires 2 mg)	\$43		> 5.0	5	Volumetric Determination Available Under Special Circumstances
FTIR (requires 1-5 mg)	\$263	<b>Optical Rotation</b>	10° - 20°	100	Informational Purposes Only
UV Scan (requires 100 mg)	\$263		> 20°	10-20	
Optical Rotation	\$381				
<b>Ion Chromatography:</b>	<b>Single</b>				If sample limited, check with the lab for specific sample requirements since each ion has different response factors
Individual Analytes	\$132				
Anion Scan: (F-, Cl-, Br-, NO3-, NO2-, PO4-3, SO4-2)	\$254		.05 - 1	5 - 10	Anion Scan requires 25-50mg
Cation Scan: (Li+, Na+, NH4+, K+)	\$220	<b>Ion Chromatography</b>	100 ppm	25 - 50	Cation Scan requires 25-50mg
<b>Inorganic Analysis:</b>	<b>Sample Preparation</b>	<b>Single Analysis</b>	<b>Metals Determination:</b>		
ICP-OES	\$67	\$67			Can be used for all metals but response level varies. If sample limited confirm detection limits w/ lab.
ICP-OES Scan (40-60 Elements)	No Charge	\$665	1 - 10 ppm	100	Requests requiring a Hydrofluoric Acid preparation will include a \$600 fee per submission.
ICP-MS	\$100	\$134	50 - 100 ppm	25-50	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 Scan (63 Elements)	No Charge	\$988	.1 - 1 ppm	100	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.
Micro-Ash (not USP)	-	\$70	5 - 10 ppm	25-50	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.
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.					
<b>Gas Chromatography:</b>	<b>Set-up</b>	<b>Per Sample</b>	<b>Gas Chromatography</b>	100ppm	100
1-3 solvents using the same method	\$1,386	\$635	<b>Solvent List:</b> 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		
4 or more solvents using the same method	\$1,386	\$953			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.
<b>GC-Mass Spectroscopy:</b>	<b>Set-up</b>	<b>Per Sample</b>			* THF & Chloroform coelute and can not be quantitated simultaneously using this method
Using Client-Provided Method	\$1,905	\$953			
<b>Routine HPLC/IC Analyses:</b>	<b>Set-up</b>	<b>Per Sample</b>			
Methane Sulfonic Acid (MSA) (by IC), Trifluoro Acetic Acid (TFA) (by IC), Acetate (OAc) (by HPLC)	\$1,905	\$953	<b>Gas Chromatography - Mass Spectroscopy:</b>		
			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: April 01, 2024