



CROP PROTECTION AGENTS (CPA)

GLS analyzes tobacco, harvested products, wipe samples and finished products for the presence of crop protection agents. We have the ability to analyze more than 200 pesticides, including metabolites and isomers, and includes all compounds specified by CORESTA Guide No. 1 and other major lists described by the tobacco industry and Government regulators. GLS utilizes state of the art instrumentation including Gas Chromatography (GC), Gas Chromatography/Mass Spectrometry (GC/MS), UV/Vis Spectrophotometer, high-performance liquid chromatography (HPLC), and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS).

The list of pesticides we currently analyze is described below. We are constantly adding pesticides to this list, so if you have a compound of interest that is not included please contact us to discuss further.

COMPOUND

2,4,5-T
2,4-D
3-Hydroxycarbofuran
Acephate
Acetamiprid
Acibenzolar S-methyl
Alachlor
Aldicarb
Aldicarb sum
Aldicarb-sulfone
Aldicarb-sulfoxide
Aldrin
Aldrin + Dieldrin
Aminocarb
Atrazine
Atrazine desisopropyl
Atrazine desethyl
Atrazine (Sum)
Azinphos-ethyl
Azinphos-methyl
Azoxytrobin
Benalaxyl
Bendiocarb
Benfluralin
Bifenthrin
Bitertanol
Boscalid
Bromophos
Bromophos-methyl
Butralin
Camphechlor sum (toxaphene)
Captan
Carbaryl
Carbendazim/Benomyl
Carbendazim sum
Carbofuran

COMPOUND

Carbofuran sum
Carfentrazone-ethyl
Chinomethionate
Chlorantraniliprole
Chlordane sum
Chlordane-alpha
Chlordane-gamma
Chlordimeform
Chlorfenapyr
Chlorfenvinphos sum
Chlorfluazuron
Chlorobenzilate
Chlorothalonil
Chlorpropham
Chlorpyrifos
Chlorpyrifos-methyl
Chlorthal-dimethyl
Clethodim
Clomazone
Clothianidin
Cyantraniliprole
Cyazofamid
Cyfluthrin sum
Cyhalothrin sum
Cymoxanil
Cypermethrin sum
Cypermethrin+Permethrin
Cyproconazole
DBCP (Dibromochloropropane)
DDD-op'
DDD-pp'
DDE-op'
DDE-pp'
DDT-op'
DDT-pp'
DDT sum

COMPOUND

Deltamethrin
Deltamethrin sum
Demeton-S-methyl
Demeton-S-methyl sum
Demeton-S-methyl-sulfone
Demeton-S-methyl-sulfoxide
Diazinon
Dicamba
Dichlorvos
Dichlorvos sum
Dicloran
Dicofol sum
Dieldrin
Difenoconazole
Diflubenzuron
Dimefox
Dimethoate
Dimethoate sum
Dimethomorph sum
Dinocap sum
Dioxabenzofos
Diphenamid
Disulfoton
Disulfoton sum
Disulfoton-sulfone
Disulfoton-sulfoxide
Dithiocarbamates (as CS2) (EBDC)
Diuron
Emamectin benzoate
Endosulfan-alpha
Endosulfan-beta
Endosulfan-gamma
Endosulfan sum
Endrin
Esfenvalerate
Ethiofencarb

COMPOUND

Ethion
Ethofumesate
Ethoprophos
Ethylene dibromide (EDB)
Famoxadone
Fenamidon
Fenamiphos
Fenamiphos sum
Fenamiphos-sulfone
Fenamiphos-sulfoxide
Fenchlorphos
Fenitrothion
Fenitrothion sum
Fenitrothion oxon
Fensulfothion
Fenthion
Fenthion sum
Fenthion-PO-sulfone
Fenthion-PS-sulfone
Fenthion-PS-sulfoxide
Fenvalerate sum
Fluazifop-butyl sum
Flubendiamide
Flucythrinate sum
Flumetralin
Fluopicolide
Fluopyram
Flusilazole
Folpet
Fonophos sum
Formothion
HCH (a-, b-, d-) (BHC)
HCH-alpha
HCH-beta
HCH-delta
HCH (g-) (Lindane)



CROP PROTECTION AGENTS (CPA)

COMPOUND

Heptachlor
 Heptachlor sum
 Heptachlor epoxide
 Hexachlorobenzene
 Imazalil
 Imidacloprid
 Indoxacarb (sum)
 Iprobenfos
 Iprodione
 Iprodione sum
 Iprodione metabolite
 Iprovalicarb
 Isoprovalin
 Linuron
 Malathion
 Maleic Hydrazide (MH)
 Mandipropamide
 Mefenoxam (Metalaxyl-M)
 Metalaxyl
 Metalaxyl sum
 Methamidophos
 Methidathion
 Methiocarb sum
 Methiocarb-sulfone
 Methiocarb-sulfoxide
 Methomyl
 Methomyl sum
 Methomyl-oxim
 Methoprene
 Methoxychlor
 Metobromuron
 Metolachlor
 Metoxuron
 Mevinphos sum
 Mirex (Dodecachlor)
 Monocrotophos
 Monolinuron
 Monuron
 Myclobutanil
 Naled
 Napropamide
 Nitrofen
 Omethate
 Oxadixyl
 Oxamyl

COMPOUND

Oxathiapiprolin
 Parathion-ethyl
 Parathion-methyl
 Pebulate
 Penconazole
 Pendimethalin
 Pentachloroanisole
 Pentachlorophenol
 Permethrin sum
 Permethrin, cis-
 Permethrin, trans-
 Phorate
 Phosalone
 Phosphamidon sum
 Phoxim
 Piperonyl butoxide
 Pirimicarb
 Pirimiphos-methyl
 Profenofos
 Propamocarb
 Propiconazole
 Propoxur
 Pymetrozine
 Pyraclostrobin
 Pyrethrins sum
 Quinalphos
 Sethoxydim
 Spinosad
 Spirotetramat sum
 Sulfentrazone
 Tebuconazole
 Teflubenzuron
 Tefluthrin
 Terbufos
 Terbufos sum
 Terbufose-sulfone
 Terbufose-sulfoxide
 Tetrachlorvinphos
 Tetraconazole
 Thiabendazole
 Thiacloprid
 Thiamethoxam
 Thiamethoxam/Clothianidin sum
 Thiodicarb
 Thionazin

COMPOUND

Thiophanate-methyl
 Tralomethrin
 Triadimefon
 Triadimefon sum
 Triadimenol
 Triazophos
 Tribromoanisole
 Tribromophenol
 Trichlorofon
 Triclopyr
 Trifloxystrobin
 Trifloxysulfuron
 Triflumuron
 Trifluralin
 Vamidothion sum
 Vamidothion-sulfone
 Vamidothion-sulfoxide
 Vernolate