

Labstat offers the full FDA Harmful and Potentially Harmful Compound list. [All of the methods are fully validated and are on the Company's scope of accreditation.](#)

MAINSTREAM SMOKE	
Tar Nicotine and Carbon monoxide	Nicotine, Carbon Monoxide, Tar, TPM, Puff count
Ammonia	Ammonia
Carbonyls	Acetone, Acetaldehyde, Acrolein, Crotonaldehyde, Formaldehyde, Methyl ethyl ketone, Propionaldehyde
Phenols	Catechol, Cresols (o-, m-, and p-cresol), Phenol
Volatiles and Semi-volatiles	1,3-Butadiene, Acrylonitrile, Benzene, Isoprene, Toluene, Furan, Ethylene oxide, Vinyl chloride, Propylene oxide, Nitromethane, 2-Nitropropane, Vinyl Acetate, Ethylbenzene, Nitrobenzene, Acetamide, Acrylamide, Quinoline, Styrene
Hydrogen Cyanide	Hydrogen cyanide (sum of gas and particulate phase)
Nitrosamines	4-(Methylnitrosamino)-1-(3-pyridyl)-1butanone (NNK), N-Nitrosornicotine (NNN)
Volatile Nitrosamines	N-Nitrosodiethanolamine (NDELA), N-Nitrosodimethylamine (NDMA), N-Nitrosopiperidine (NPIP), N-Nitrosopyrrolidine (NPYR), N-Nitrosodiethylamine (NDEA), N-Nitrosomethylethylamine
Polynuclear Aromatic Hydrocarbons	5-Methylchrysene, Benz[a]anthracene, Benz[j]aceanthrylene, Benzo(b)furan, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[c]Phenanthrene, Benzo[k]fluoranthene, Chrysene, Cyclopenta[c,d]pyrene, Dibenz[a,h]acridine, Dibenz[a,h]anthracene, Dibenz[a,j]acridine, Dibenzo[a,e]pyrene, Dibenzo[a,h]pyrene, Dibenzo[a,i]pyrene, Dibenzo[a,l]pyrene, Dibenzo[c,g]carbazole, Indeno[1,2,3-cd]pyrene, Naphthalene

Aromatic Amines	1-Aminonaphthalene, 2-Aminonaphthalene, 4-Aminobiphenyl, o-Anisidine, o-Toluidine, 2,6-Dimethylaniline
Heterocyclic Amines	A-a-C (2-Amino-9Hpyrido[2,3-b]indole), Glu-P-1 (2-Amino-6methyldipyrido[1,2a:3',2'-d]imidazole), Glu-P-2 (2-Aminodipyrido[1,2a:3',2'-d]imidazole), IQ (2-Amino-3methylimidazo[4,5f]quinoline)1, MeA-a-C (2-Amino-3-methyl)9H-pyrido[2,3-b]indole), Trp-P-1 (3-Amino-1,4-dimethyl5H-pyrido[4,3-b]indole), Trp-P-2 (1-Methyl-3-amino-5Hpyrido[4,3-b]indole), PhIP
Metals	Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Lead, Nickel, Selenium
Polonium 210	Polonium 210
Ethyl Carbamate	Ethyl Carbamate
Chlorinated Dioxins	Chlorinated Dioxins
Caffeic Acid	Caffeic Acid
Hydrazine	Hydrazine

SMOKELESS TOBACCO, CIGARETTE FILLER AND ROLL-YOUR-OWN	
Moisture	% Moisture
Nicotine	Total and Free Base
Ammonia	
Nitrosamines	4-(Methylnitrosamino)1-(3-pyridyl)-1butanone (NNK), N-Nitrosoanabasine (NAB), N-Nitrosornicotine (NNN)
Volatile Nitrosamines	N-Nitrosodiethanolamine (NDELA), N-Nitrosodimethylamine (NDMA)1, N-Nitrosomorpholine (NMOR), N-Nitrosopiperidine (NPIP)1, N-Nitrosopyrrolidine (NPYR), N-Nitrososarcosine (NSAR)
Metals	Arsenic, Beryllium, Cadmium, Chromium, Lead, Nickel, Selenium, Mercury
Carbonyls	Acetaldehyde, Crotonaldehyde, Formaldehyde

Polynuclear Aromatic Hydrocarbons	Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Indeno[1,2,3-cd]pyrene, Naphthalene
Ethyl Carbamate	
Aflotoxin B1	
Coumarin	
Polonium 210	
Uranium Isotopes	Uranium 235, Uranium 238