

## PT 66i: Multi-residue screening of pesticides in essential oils

### Details of the programs:

- Proficiency testing scheme created in 2015
- **25 registered laboratories from 10 countries**
- **PTS accredited by COFRAC**
- The time for analysis is 4 weeks
- Samples are shipped via express carrier.



### Schedule:

CODE	MATRIX	WEIGHT	NEXT SHIPMENT
2466	Chamomile essential oil*	30 ml	2023/09/25
2166	Peppermint essential oil*	30 ml	2024/02/05
3066	Bergamot essential oil*	30 ml	2024/03/18
3166	Tea Tree essential oil *	30 ml	2024/04/22

\*Refrigerated samples

Spiking range: 0.100 to 2.000mg/kg

Between 10 and 25 molecules to identify and quantify in blind among the followings:

ANALYTES		The list of analytes below varies according to the nature of the sample	
2,4-D <sup>NA</sup>	Cyfluthrin, <sup>NA</sup>	Fenpropimorph, <sup>NA</sup>	Metamitron, <sup>NA</sup>
Acephate, <sup>NA</sup>	Cymiazole, <sup>NA</sup>	Fenpyroximate, <sup>NA</sup>	Metazachlor, <sup>NA</sup>
Acetamiprid, <sup>NA</sup>	Cymoxanil, <sup>NA</sup>	Fenthion, <sup>NA</sup>	Metconazole, <sup>NA</sup>
Acionifen, <sup>NA</sup>	Cypermethrin, <sup>NA</sup>	Fenvalerate, <sup>NA</sup>	Methabenzthiazuron <sup>NA</sup>
Acrinathrin, <sup>NA</sup>	Cyproconazol, <sup>NA</sup>	Fipronil, <sup>NA</sup>	Methamidophos, <sup>NA</sup>
Alachlor, <sup>NA</sup>	Cyprodinil, <sup>NA</sup>	Fluazifop-butyl <sup>NA</sup> ,	Methidathion
Aldicard, <sup>NA</sup>	Cyromazine, <sup>NA</sup>	Fluazinam, <sup>NA</sup>	Methiocarb, <sup>NA</sup>
Aldrin, <sup>NA</sup>	DDT,	Fludioxonil, <sup>NA</sup>	Methomyl, <sup>NA</sup>
Atrazine	Deltamethrin, <sup>NA</sup>	Flufenoxuron, <sup>NA</sup>	Methoxyfenozide, <sup>NA</sup>
Azimsulfuron, <sup>NA</sup>	Desethylatrazine, <sup>NA</sup>	Fluquinconazole <sup>NA</sup> ,	Metobromuron, <sup>NA</sup>
Azinphos-ethyl, <sup>NA</sup>	Desmetryne, <sup>NA</sup>	Flurtamone, <sup>NA</sup>	Metolachlor <sup>NA</sup>
Azinphos-methyl, <sup>NA</sup>	Diazinon,	Flusilazol,	Metoxuron, <sup>NA</sup>
Azoxystrobin,	Dicamba, <sup>NA</sup>	Flutolanil <sup>NA</sup>	Metrafenone, <sup>NA</sup>
Benalaxyl, <sup>NA</sup>	Dichlofenthiol, <sup>NA</sup>	Flutriafol	Metribuzin, <sup>NA</sup>
Bendiocarb	Dichlorprop, <sup>NA</sup>	Fonofos, <sup>NA</sup>	Mevinphos, <sup>NA</sup>
Bentazone, <sup>NA</sup>	Dicofol	Formothion, <sup>NA</sup>	Monocrotophos, <sup>NA</sup>
Bifenazate, <sup>NA</sup>	Dieldrin, <sup>NA</sup>	Furathiocarb, <sup>NA</sup>	Myclobutanil, <sup>NA</sup>
Bifenox, <sup>NA</sup>	Diethofencarb, <sup>NA</sup>	Alpha-HCH	Napropamide <sup>NA</sup> ,
Bifenthrin, <sup>NA</sup>	Diethyltoluamide, <sup>NA</sup>	Beta-HCH	Norflurazon, <sup>NA</sup>
Biphenyl,	Difenoconazol, <sup>NA</sup>	Delta-HCH	Nuarimol, <sup>NA</sup>
Bitertanol, <sup>NA</sup>	Diflubenzuron, <sup>NA</sup>	Gamma-HCH <sup>NA</sup> ,	Ormethoate, <sup>NA</sup>
Boscalid, <sup>NA</sup>	Diflufenican, <sup>NA</sup>	HCb,	Ortho-phenylphenol,
Bromophos-ethyl, <sup>NA</sup>	Dimethoate, <sup>NA</sup>	Heptachlor, <sup>NA</sup>	Oxadiazon <sup>NA</sup>
Bromophos-methyl, <sup>NA</sup>	Dimethomorph, <sup>NA</sup>	Heptenophos, <sup>NA</sup>	Oxadixyl, <sup>NA</sup>
Bromopropylate,	Diniconazol, <sup>NA</sup>	Hexaconazole, <sup>NA</sup>	Oxamyl, <sup>NA</sup>
Bromoxynil, <sup>NA</sup>	Diphenylamine, <sup>NA</sup>	Hexythiazox	Oxydemeton-methyl, <sup>NA</sup>
Bupirimate, <sup>NA</sup>	Disulfoton, <sup>NA</sup>	Imazalil,	Oxyfluorfen, <sup>NA</sup>
Buprofezin,	Diuron, <sup>NA</sup>	Imazaquin, <sup>NA</sup>	Parathion-ethyl, <sup>NA</sup>
Cadusaphos, <sup>NA</sup>	Endosulfan alpha,	Imidacloprid, <sup>NA</sup>	Parathion-methyl, <sup>NA</sup>
Carbaryl	Endosulfan beta,	Indoxacarb, <sup>NA</sup>	Penconazole,
Carbendazim, <sup>NA</sup>	Endosulfan sulfate <sup>NA</sup>	loxynil, <sup>NA</sup>	Pencycuron, <sup>NA</sup>
Carbetamid, <sup>NA</sup>	Endrine, <sup>NA</sup>	Iprodione, <sup>NA</sup>	Pendimethaline <sup>NA</sup>
Carbofuran, <sup>NA</sup>	Epoxyconazol, <sup>NA</sup>	Iprovalicarb, <sup>NA</sup>	Permethrin, <sup>NA</sup>
Carbophenothion, <sup>NA</sup>	Esfenvalerate, <sup>NA</sup>	Isofenphos-ethyl, <sup>NA</sup>	Phenthoate, <sup>NA</sup>
Chinomethionat, <sup>NA</sup>	Ethion	Isofenphos-methyl, <sup>NA</sup>	Phorate, <sup>NA</sup>
Chlorbenzide, <sup>NA</sup>	Ethoprophos, <sup>NA</sup>	Isoproturon, <sup>NA</sup>	Phosalone,
Chlordan, <sup>NA</sup>	Etofenprox, <sup>NA</sup>	Isoxaben, <sup>NA</sup>	Phosmet,
Chlorfenvinphos, <sup>NA</sup>	Etoxazole <sup>NA</sup>	Kresoxim-methyl, <sup>NA</sup>	Phosphamidon, <sup>NA</sup>
Chlormephos, <sup>NA</sup>	Etrimfos, <sup>NA</sup>	Lambda-Cyhalothrin, <sup>NA</sup>	Picoxystrobin, <sup>NA</sup>
Chloroxuron, <sup>NA</sup>	Famoxadone, <sup>NA</sup>	Linuron, <sup>NA</sup>	Piperonyl butoxide (PBO), <sup>NA</sup>
Chlorpropham, <sup>NA</sup>	Fenamidone, <sup>NA</sup>	Malathion,	Pirimicarb <sup>NA</sup>
Chlorpyrifos-ethyl,	Fenamiphos, <sup>NA</sup>	Mandipropamide,	Pirimiphos-ethyl, <sup>NA</sup>
Chlorpyrifos-methyl,	Fenarimol, <sup>NA</sup>	MCPA (2-Methyl-4-Chlorophenoxyacid), <sup>NA</sup>	Pirimiphos-methyl, <sup>NA</sup>
Chlorthal-dimethyl, <sup>NA</sup>	Fenazaquin, <sup>NA</sup>	MCPB (4-(4-chloro-2-methylphenoxy) butanoic acid), <sup>NA</sup>	Prochloraz
Chlortoluron, <sup>NA</sup>	Fenbuconazol, <sup>NA</sup>		Procymidone,
Chlozolinate, <sup>NA</sup>	Fenclorvos, <sup>NA</sup>		Profenofos
Clomazone, <sup>NA</sup>	Fenhexamide, <sup>NA</sup>		Prometryn,
Coumaphos, <sup>NA</sup>	Fenitrothion, <sup>NA</sup>	MCCP (Mecoprop), <sup>NA</sup>	Propamocarb hydrochloride,
Cyazofamid <sup>NA</sup>	Fenoxycarb, <sup>NA</sup>	Mepanipyrim, <sup>NA</sup>	Propargite
Cyflufenamide, <sup>NA</sup>	Fenpropathrin	Mepronil, <sup>NA</sup>	Propazin, <sup>NA</sup>
	Fenpropidin, <sup>NA</sup>	Metalaxil, <sup>NA</sup>	Propham, <sup>NA</sup>
		Metalaxil-M, <sup>NA</sup>	

NA \*: Not accredited.

Note: Matrices and analytes may be changed or removed for technical or scientific reasons.

Please refer to current application form available in your member area ([www.bipea.org](http://www.bipea.org)).

