

Rapport d'essai

Certificate of analysis

Identification rapport d'essai Report identification

Numéro : 2023_6.3219.1

Number

Date de validation : 30/05/2023 17:48

Validation date

Date d'édition : 30/05/2023 18:25

Edition date

Demandeur : LICAA
Customer
115418(AUT) 54BIS ROUTE D'HONDSCHOOTTE
59492 HOY MILLE

Payer : LICAA
Payer
115418(AUT) 54BIS ROUTE D'HONDSCHOOTTE
59492 HOY MILLE

LICAA
54BIS ROUTE D'HONDSCHOOTTE
59492 HOY MILLE

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Echantillon : 2023_6.3219.1

Identification (1) : Spiruline - Réf. LABO : 23051900182704
Identification

Date de prélèvement (1): 19/05/2023
Sampling date

Date de réception : 23/05/2023
Received date Quantité reçue : 158 g
Received quantity

Date de début d'analyse : 23/05/2023
Beginning of analysis

(1) Information communiquée par le demandeur
(1) Information communicated by the customer

Prestation :
Analytical service

Pack usage plus (PROTOCOLE_SAP1842 V9)

Aucun des paramètres recherchés n'a été détecté.

Anyone of the required compound has been detected.

Paramètres recherchés et inférieurs à la limite de détection :

Required and not detected compounds :

Pesticides (Pesticides)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
2,4-D (+salts)@	0.01	mg/kg	MI MOPC77	2,4-DB (+salts)@	0.01	mg/kg	MI MOPC77	Avermectin B1a	0.01	mg/kg	MI MOPC77
Avermectin B1b expr. as avermectin B1a	0.01	mg/kg	MI MOPC77	Avermectin B1a (8,9,z) expr. as avermectin B1a	0.01	mg/kg	MI MOPC77	Acephate	0.01	mg/kg	MI MOPC77
Acequinocyl	0.01	mg/kg	MI MOPC77	Acetamiprid	0.01	mg/kg	MI MOPC77	Acetochlor	0.01	mg/kg	MI MOPC77
Acibenzolar-S-methyl@	0.01	mg/kg	MI MOPC77	Aclonifen	0.01	mg/kg	MI MOPC77	Acrinathrin	0.01	mg/kg	MI MOPC77
Alachlor	0.01	mg/kg	MI MOPC77	Aldicarb	0.01	mg/kg	MI MOPC77	Aldicarb-metabolite (-sulfone expr. as aldicarb)	0.005	mg/kg	MI MOPC77
Aldicarb-metabolite (-sufoxide expr. as aldicarb)	0.005	mg/kg	MI MOPC77	Ametoctradin	0.01	mg/kg	MI MOPC77	Amidosulfuron	0.01	mg/kg	MI MOPC77
Amisulbrom	0.01	mg/kg	MI MOPC77	Amitraz-metabolite (2,4-dimethylformamidine (DMF) expr. as amitraz)@	0.01	mg/kg	MI MOPC77	Amitraz-metabolite (N-2,4-dimethylphenyl-N-methylformamidine (DMPF) expr. as amitraz)@	0.01	mg/kg	MI MOPC77
Anthraquinone	0.01	mg/kg	MI MOPC77	Asulam	0.01	mg/kg	MI MOPC77	Atrazine	0.01	mg/kg	MI MOPC77
Atrazine-desethyl	0.01	mg/kg	MI MOPC77	Atrazine-desisopropyl	0.01	mg/kg	MI MOPC77	Azadirachtin	0.01	mg/kg	MI MOPC77
Azimsulfuron	0.01	mg/kg	MI MOPC77	Azinphos-methyl	0.01	mg/kg	MI MOPC77	Azoxystrobin	0.01	mg/kg	MI MOPC77
Beflubutamid	0.01	mg/kg	MI MOPC77	Benalaxyl (incl. benalaxy-M - sum of isomers)	0.01	mg/kg	MI MOPC77	Bendiocarb	0.01	mg/kg	MI MOPC77
Benfluralin	0.01	mg/kg	MI MOPC77	Benoxacor	0.01	mg/kg	MI MOPC77	Bensulfuron-methyl	0.01	mg/kg	MI MOPC77
Bentazone (+salts)@	0.01	mg/kg	MI MOPC77	Bentazone metabolite (free 6-hydroxy bentazone expr. as bentazone)@	0.01	mg/kg	MI MOPC77	Bentazone metabolite (free 8-hydroxy bentazone expr. as bentazone)@	0.01	mg/kg	MI MOPC77
Benthiavalicarb-isopropyl@	0.01	mg/kg	MI MOPC77	Benzovindiflupyr	0.01	mg/kg	MI MOPC77	6-Benzyladenine	0.01	mg/kg	MI MOPC77
Bifenazate@	0.01	mg/kg	MI MOPC77	Bifenox	0.01	mg/kg	MI MOPC77	Bifenthrin	0.01	mg/kg	MI MOPC77
Bispyribac@	0.01	mg/kg	MI MOPC77	Bitertanol	0.01	mg/kg	MI MOPC77	Bixafen	0.01	mg/kg	MI MOPC77

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>
Boscalid	0.01	mg/kg	MI MOPC77	Brodifacoum	0.01	mg/kg	MI MOPC77	Bromadiolone	0.01	mg/kg	MI MOPC77
Bromopropylate	0.01	mg/kg	MI MOPC77	Bromoxynil (+salts)	0.01	mg/kg	MI MOPC77	Bromoconazole	0.01	mg/kg	MI MOPC77
Bupirimate	0.01	mg/kg	MI MOPC77	Buprofezin	0.01	mg/kg	MI MOPC77	Butralin	0.01	mg/kg	MI MOPC77
Cadusafos	0.01	mg/kg	MI MOPC77	Captan + tetrahydrophthalimide expr. as captan	0.05	mg/kg	MI MOPC77	Carbaryl	0.01	mg/kg	MI MOPC77
Carbendazim (incl. benomyl)	0.01	mg/kg	MI MOPC77	Carbetamide	0.01	mg/kg	MI MOPC77	Carbofuran	0.0005	mg/kg	MI MOPC77
Carbofuran-metabolite (3-hydroxy-carbofuran expr. as carbofuran)	0.0005	mg/kg	MI MOPC77	Benfuracarb (expr. as carbofuran)	0.01	mg/kg	MI MOPC77	Carbosulfan (expr. as carbofuran)	0.01	mg/kg	MI MOPC77
Furathiocarb (expr. as carbofuran)	0.01	mg/kg	MI MOPC77	Carboxin	0.01	mg/kg	MI MOPC77	Carboxin-metabolite (Carboxin-sulfoxide expr. as carboxin)	0.01	mg/kg	MI MOPC77
Carboxin-metabolite (Carboxin-sulfone (Oxycarboxin) expr. as carboxin)	0.01	mg/kg	MI MOPC77	Carfentrazone-ethyl	0.01	mg/kg	MI MOPC77	Carfentrazone (expr. as carfentrazone-ethyl)	0.01	mg/kg	MI MOPC77
Chlorantraniliprole (rynaxypyr)	0.01	mg/kg	MI MOPC77	Chlordane-cis	0.005	mg/kg	MI MOPC77	Chlordane-trans	0.005	mg/kg	MI MOPC77
Chlordane-oxy	0.01	mg/kg	MI MOPC77	Chlorfenapyr	0.01	mg/kg	MI MOPC77	Chlorfenvinphos	0.01	mg/kg	MI MOPC77
Chloridazon	0.01	mg/kg	MI MOPC77	Chloridazon-metabolite (-desphenyl expr. as chloridazon)	0.04	mg/kg	MI MOPC77	Chlorothalonil	0.01	mg/kg	MI MOPC77
Chlorotoluron	0.01	mg/kg	MI MOPC77	Chlorpropham (CIPC)	0.01	mg/kg	MI MOPC77	Chlorpyrifos-(ethyl)	0.01	mg/kg	MI MOPC77
Chlorpyrifos-methyl	0.01	mg/kg	MI MOPC77	Chlorpyrifos-methyl metabolite (-desmethyl expr. as chlorpyrifos-methyl)	0.01	mg/kg	MI MOPC77	Chlorsulfuron	0.01	mg/kg	MI MOPC77
Chlorthal-dimethyl	0.01	mg/kg	MI MOPC77	Chromafenozide	0.01	mg/kg	MI MOPC77	Clethodim (expr. as sethoxydim)	0.01	mg/kg	MI MOPC77
Clethodim-metabolite (-sulfone expr. as sethoxydim)	0.01	mg/kg	MI MOPC77	Clethodim-metabolite (-sulfoxide expr. as sethoxydim)	0.01	mg/kg	MI MOPC77	Sethoxydim	0.01	mg/kg	MI MOPC77
Clodinafop (incl. S-clodinafop + salts)	0.01	mg/kg	MI MOPC77	Clodinafop-propargyl	0.01	mg/kg	MI MOPC77	Clofentezine	0.01	mg/kg	MI MOPC77
Clomazone	0.01	mg/kg	MI MOPC77	Clopyralid	0.02	mg/kg	MI MOPC77	Cloquintocet-mexyl	0.01	mg/kg	MI MOPC77
Cloquintocet	0.01	mg/kg	MI MOPC77	Clothianidin	0.01	mg/kg	MI MOPC77	Coumaphos	0.01	mg/kg	MI MOPC77
Coumatetralyl	0.01	mg/kg	MI MOPC77	Cyantraniliprole	0.01	mg/kg	MI MOPC77	Cyazofamid	0.01	mg/kg	MI MOPC77
Cycloxyd@	0.01	mg/kg	MI MOPC77	Cyflufenamid (sum of E & Z isomers expr. as cyflufenamid)	0.01	mg/kg	MI MOPC77	Cyflumetofen	0.01	mg/kg	MI MOPC77
Cyfluthrin (incl. cyfluthrin-beta - sum of isomers)	0.01	mg/kg	MI MOPC77	Cyhalofop-butyl	0.01	mg/kg	MI MOPC77	Cyhalofop	0.01	mg/kg	MI MOPC77
Cyhalothrin-lambda (incl. -gamma - sum of isomers)	0.01	mg/kg	MI MOPC77	Cymiazole	0.01	mg/kg	MI MOPC77	Cymoxanil	0.01	mg/kg	MI MOPC77
Cypermethrin (incl. alphamethrin - sum of isomers)	0.01	mg/kg	MI MOPC77	Cyproconazole	0.01	mg/kg	MI MOPC77	Cyprodinil	0.01	mg/kg	MI MOPC77
Cyprorsulfamide	0.01	mg/kg	MI MOPC77	Cyromazine	0.01	mg/kg	MI MOPC77	Dazomet@	0.01	mg/kg	MI MOPC77
DDT (sum of isomers DDT op'+ DDT pp' + DDD pp' + DDE pp')	0.05	mg/kg	MI MOPC77	Deltamethrin	0.01	mg/kg	MI MOPC77	Oxydemeton-methyl (demeton-S-methyl-sulfoxide = ODM)	0.005	mg/kg	MI MOPC77
Oxydemeton-methyl metabolite (demeton-S-methyl-sulfone expr. as ODM)	0.005	mg/kg	MI MOPC77	Desmedipham	0.01	mg/kg	MI MOPC77	Diazinon	0.01	mg/kg	MI MOPC77
Dicamba	0.01	mg/kg	MI MOPC77	Dichlobenil	0.01	mg/kg	MI MOPC77	Dichlofluanid	0.01	mg/kg	MI MOPC77
3,5-Dichloroaniline	0.01	mg/kg	MI MOPC77	Dichlorprop (incl. dichlorprop-p+salts) (2,4-DP)@	0.01	mg/kg	MI MOPC77	Dichlorvos	0.01	mg/kg	MI MOPC77
Diclofop (expr. as diclofop-methyl)	0.01	mg/kg	MI MOPC77	Diclofop-methyl	0.01	mg/kg	MI MOPC77	Dicloran	0.01	mg/kg	MI MOPC77
Dicofol	0.01	mg/kg	MI MOPC77	Aldrin (expr. as dieldrin)	0.005	mg/kg	MI MOPC77	Dieldrin	0.005	mg/kg	MI MOPC77
Diethofencarb	0.01	mg/kg	MI MOPC77	Diethyl toluamide (DEET)	0.01	mg/kg	MI MOPC77	Difenacoum	0.01	mg/kg	MI MOPC77

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Pesticides (Pesticides)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
Difenconazole	0.01	mg/kg	MI MOPC77	Difethialone	0.01	mg/kg	MI MOPC77	Diflubenzuron	0.01	mg/kg	MI MOPC77
Diflufenican (diflufenicanil)	0.01	mg/kg	MI MOPC77	Dimethachlor	0.01	mg/kg	MI MOPC77	Dimethenamid (incl. dimethenamid-P)	0.01	mg/kg	MI MOPC77
Dimethoate	0.01	mg/kg	MI MOPC77	Dimethomorph	0.01	mg/kg	MI MOPC77	1,4-dimethylnaphthalene	0.01	mg/kg	MI MOPC77
Dimoxystrobin	0.01	mg/kg	MI MOPC77	Diniconazole	0.01	mg/kg	MI MOPC77	Dinocap®	0.01	mg/kg	MI MOPC77
Dinocap-meptyl®	0.01	mg/kg	MI MOPC77	Dinotefuran	0.01	mg/kg	MI MOPC77	Diphenylamine	0.01	mg/kg	MI MOPC77
Diuron	0.01	mg/kg	MI MOPC77	Dodemorph	0.01	mg/kg	MI MOPC77	Dodine	0.01	mg/kg	MI MOPC77
Emamectin B1a (+salts expr. as emamectin B1a)	0.01	mg/kg	MI MOPC77	Endosulfan-alpha	0.01	mg/kg	MI MOPC77	Endosulfan-beta	0.01	mg/kg	MI MOPC77
Endosulfan-sulfate (expr. as endosulfan)	0.01	mg/kg	MI MOPC77	Endrin	0.005	mg/kg	MI MOPC77	Epoxiconazole	0.01	mg/kg	MI MOPC77
Ethametsulfuron	0.01	mg/kg	MI MOPC77	Ethion (Diethion)	0.01	mg/kg	MI MOPC77	Ethirimol	0.01	mg/kg	MI MOPC77
Ethofumesate®	0.01	mg/kg	MI MOPC77	Ethofumesate-metabolite (Ethofumesate-2-keto expr. as ethofumesate)®	0.01	mg/kg	MI MOPC77	Ethofumesate-metabolite (Ethofumesate-open-ring-2-ket o expr. as ethofumesate)®	0.01	mg/kg	MI MOPC77
Ethoprophos	0.01	mg/kg	MI MOPC77	Ethoxysulfuron	0.01	mg/kg	MI MOPC77	Etofenprox	0.01	mg/kg	MI MOPC77
Etoxazole	0.01	mg/kg	MI MOPC77	Etridiazole	0.01	mg/kg	MI MOPC77	Famoxadone	0.01	mg/kg	MI MOPC77
Fenamidone	0.01	mg/kg	MI MOPC77	Fenamiphos	0.01	mg/kg	MI MOPC77	Fenamiphos-metabolite (sulfone expr. as fenamiphos)	0.005	mg/kg	MI MOPC77
Fenamiphos-metabolite (sulfoxide expr. as fenamiphos)	0.005	mg/kg	MI MOPC77	Fenarimol	0.01	mg/kg	MI MOPC77	Fenazaquin	0.01	mg/kg	MI MOPC77
Fenbuconazole (sum of enantiomers)	0.01	mg/kg	MI MOPC77	Fenchlorazole-ethyl	0.01	mg/kg	MI MOPC77	Fenhexamid	0.01	mg/kg	MI MOPC77
Fenitrothion	0.01	mg/kg	MI MOPC77	Fenoxyprop-P	0.01	mg/kg	MI MOPC77	Fenoxyprop-P-ethyl	0.01	mg/kg	MI MOPC77
Fenoxy carb	0.01	mg/kg	MI MOPC77	Fenpicoxamid	0.01	mg/kg	MI MOPC77	Fenpropathrin	0.01	mg/kg	MI MOPC77
Fenpropidin (+ salts)	0.01	mg/kg	MI MOPC77	Fenpropimorph	0.01	mg/kg	MI MOPC77	Fenpyrazamine	0.01	mg/kg	MI MOPC77
Fenpyroximate	0.01	mg/kg	MI MOPC77	Fenthion	0.002	mg/kg	MI MOPC77	Fenthion-metabolite (-oxon expr. as fenthion)	0.002	mg/kg	MI MOPC77
Fenthion-metabolite (-oxon-sulfone expr. as fenthion)	0.002	mg/kg	MI MOPC77	Fenthion-metabolite (-oxon-sulfoxide expr. as fenthion)	0.002	mg/kg	MI MOPC77	Fenthion-metabolite (-sulfone expr. as fenthion)	0.002	mg/kg	MI MOPC77
Fenthion-metabolite (-sulfoxide expr. as fenthion)	0.002	mg/kg	MI MOPC77	Fenvalerate / Esfenvalerate	0.01	mg/kg	MI MOPC77	Fipronil	0.005	mg/kg	MI MOPC77
Fipronil-metabolite (-sulfone expr. as fipronil)	0.005	mg/kg	MI MOPC77	Flazasulfuron	0.01	mg/kg	MI MOPC77	Flocoumafen	0.01	mg/kg	MI MOPC77
Flonicamid	0.01	mg/kg	MI MOPC77	Flonicamid-metabolite (TFNA expr. as flonicamid)	0.01	mg/kg	MI MOPC77	Flonicamid-metabolite (TFNG expr. as flonicamid)	0.01	mg/kg	MI MOPC77
Florasulam	0.01	mg/kg	MI MOPC77	Florpyrauxifen-benzyl	0.01	mg/kg	MI MOPC77	Fluazifop-P (+isomers of fluazifop)®	0.005	mg/kg	MI MOPC77
Fluazifop-P-butyl (expr. as fluazifop)	0.005	mg/kg	MI MOPC77	Fluazinam	0.01	mg/kg	MI MOPC77	Flubendiamide	0.01	mg/kg	MI MOPC77
Fludioxonil	0.01	mg/kg	MI MOPC77	Flufenoxuron	0.01	mg/kg	MI MOPC77	Flumetralin	0.01	mg/kg	MI MOPC77
Flumioxazine	0.01	mg/kg	MI MOPC77	Flufenacet (Fluthiamide)®	0.01	mg/kg	MI MOPC77	Fluometuron	0.01	mg/kg	MI MOPC77
Fluopicolide	0.01	mg/kg	MI MOPC77	Fluopyram	0.01	mg/kg	MI MOPC77	Fluoxastrobin	0.01	mg/kg	MI MOPC77
Flupyradifurone	0.01	mg/kg	MI MOPC77	Flupyralsulfuron-methyl	0.01	mg/kg	MI MOPC77	Fluquinconazole	0.01	mg/kg	MI MOPC77
Flurochloridone	0.01	mg/kg	MI MOPC77	Fluroxypyr (+salts)®	0.005	mg/kg	MI MOPC77	Fluroxypyr-meptyl (expr. as fluroxypyr)®	0.005	mg/kg	MI MOPC77
Flurtamone	0.01	mg/kg	MI MOPC77	Flusilazole	0.01	mg/kg	MI MOPC77	Flutianil	0.01	mg/kg	MI MOPC77
Flutolanil	0.01	mg/kg	MI MOPC77	Flutriafol	0.01	mg/kg	MI MOPC77	Flvalinate-tau	0.01	mg/kg	MI MOPC77
Fluxapyroxad	0.01	mg/kg	MI MOPC77	Folpet + pthalimide expr. as folpet	0.03	mg/kg	MI MOPC77	Foramsulfuron	0.01	mg/kg	MI MOPC77
Forchlorfenuron	0.01	mg/kg	MI MOPC77	Formethanate (+salts)	0.01	mg/kg	MI MOPC77	Fosthiazate	0.01	mg/kg	MI MOPC77
Fuberidazole	0.01	mg/kg	MI MOPC77	Gibberellic acid	0.10	mg/kg	MI MOPC77	Halauxifen-methyl	0.01	mg/kg	MI MOPC77

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>
Halauxifen-methyl-metabolite	0.01	mg/kg	MI MOPC77	Halosulfuron-methyl	0.01	mg/kg	MI MOPC77	Haloxifop (+salts)@	0.003	mg/kg	MI MOPC77
(Halauxifen expr. as halauxifen-methyl)											
Haloxifop-methyl (expr. as haloxifop)@	0.003	mg/kg	MI MOPC77	Haloxifop-2-ethoxyethyl (expr. as haloxifop)@	0.003	mg/kg	MI MOPC77	HCH-alpha	0.01	mg/kg	MI MOPC77
HCH-beta	0.01	mg/kg	MI MOPC77	HCH-delta	0.01	mg/kg	MI MOPC77	HCH-gamma (Lindane)	0.01	mg/kg	MI MOPC77
Heptachlor	0.01	mg/kg	MI MOPC77	Heptachlor-époxyde-cis (expr. as heptachlor)	0.01	mg/kg	MI MOPC77	Heptachlor-époxyde-trans (expr. as heptachlor)	0.01	mg/kg	MI MOPC77
Hexachlorobenzene (HCB)	0.01	mg/kg	MI MOPC77	Hexaconazole	0.01	mg/kg	MI MOPC77	Hexythiazox (any ratio of constituent isomers)	0.01	mg/kg	MI MOPC77
Imazalil	0.01	mg/kg	MI MOPC77	Imazamox (+salts)	0.01	mg/kg	MI MOPC77	Imazapyr	0.01	mg/kg	MI MOPC77
Imazaquin	0.01	mg/kg	MI MOPC77	Imazosulfuron	0.01	mg/kg	MI MOPC77	Imidacloprid	0.01	mg/kg	MI MOPC77
Indolylbutyric acid	0.01	mg/kg	MI MOPC77	Indoxacarb (S & R)	0.01	mg/kg	MI MOPC77	Iodosulfuron-methyl (+salts)	0.01	mg/kg	MI MOPC77
loxynil (+salts)	0.01	mg/kg	MI MOPC77	Ipconazole	0.01	mg/kg	MI MOPC77	Iprodione	0.01	mg/kg	MI MOPC77
Iprovalicarb	0.01	mg/kg	MI MOPC77	Isofenphos-methyl	0.01	mg/kg	MI MOPC77	Isofetamid	0.01	mg/kg	MI MOPC77
Isoprothiolane	0.01	mg/kg	MI MOPC77	Isoproturon	0.01	mg/kg	MI MOPC77	Isopyrazam (sum of isomers)	0.01	mg/kg	MI MOPC77
Isoxaben	0.01	mg/kg	MI MOPC77	Isoxadifen-ethyl	0.01	mg/kg	MI MOPC77	Isoxaflutole	0.01	mg/kg	MI MOPC77
Isoxaflutole-metabolite (Isoxaflutole diketonitrile RPA 202248 expr. as Isoxaflutole)	0.01	mg/kg	MI MOPC77	Kresoxim-methyl	0.01	mg/kg	MI MOPC77	Lenacil	0.01	mg/kg	MI MOPC77
Linuron	0.01	mg/kg	MI MOPC77	Lufenuron	0.01	mg/kg	MI MOPC77	Malathion	0.01	mg/kg	MI MOPC77
Malathion-metabolite (malaoxon expr. as malathion) MCPA (+salts)@	0.01	mg/kg	MI MOPC77	Mandestrobin	0.01	mg/kg	MI MOPC77	Mandipropamid	0.01	mg/kg	MI MOPC77
Mefenpyr-diethyl	0.01	mg/kg	MI MOPC77	Mefentrifluconazole	0.01	mg/kg	MI MOPC77	Mepanipyrim	0.01	mg/kg	MI MOPC77
Mesosulfuron-methyl	0.01	mg/kg	MI MOPC77	Mesotrione	0.01	mg/kg	MI MOPC77	Metaflumizone (sum of isomers)	0.01	mg/kg	MI MOPC77
Metalaxyl (incl. metalaxyl-M = mefenoxam)	0.01	mg/kg	MI MOPC77	Metaldehyde	0.01	mg/kg	MI MOPC77	Metamitron	0.01	mg/kg	MI MOPC77
Metazachlor	0.005	mg/kg	MI MOPC77	Metazachlor metabolite (479M04 expr. as metazachlor)	0.005	mg/kg	MI MOPC77	Metazachlor metabolite (479M08 expr. as metazachlor)	0.005	mg/kg	MI MOPC77
Metazachlor metabolite (479M16 expr. as metazachlor)	0.005	mg/kg	MI MOPC77	Metconazole	0.01	mg/kg	MI MOPC77	Methamidophos	0.01	mg/kg	MI MOPC77
Methidathion	0.01	mg/kg	MI MOPC77	Methiocarb (Mercaptodimethyl)	0.01	mg/kg	MI MOPC77	Methiocarb-metabolite (-sulfone expr. as methiocarb)	0.01	mg/kg	MI MOPC77
Methiocarb-metabolite (-sulfoxide expr. as methiocarb)	0.01	mg/kg	MI MOPC77	Methomyl	0.01	mg/kg	MI MOPC77	Methoxyfenozide	0.01	mg/kg	MI MOPC77
Metobromuron	0.01	mg/kg	MI MOPC77	Metobromuron metabolite (4-bromophenylurea expr. as metobromuron)	0.01	mg/kg	MI MOPC77	Metobromuron metabolite (desmethyl-metobromuron expr. as metobromuron)	0.01	mg/kg	MI MOPC77
Metobromuron-desmethoxy	0.01	mg/kg	MI MOPC77	4-Bromoaniline	0.01	mg/kg	MI MOPC77	Metolachlor (incl. S-metolachlor)	0.01	mg/kg	MI MOPC77
Metosulam	0.01	mg/kg	MI MOPC77	Metrafenone	0.01	mg/kg	MI MOPC77	Metribuzin	0.01	mg/kg	MI MOPC77
Metsulfuron-methyl	0.01	mg/kg	MI MOPC77	Milbemycin A3 expr. as milbemectin	0.01	mg/kg	MI MOPC77	Milbemycin A4 expr. as milbemectin	0.01	mg/kg	MI MOPC77
Monocrotophos	0.01	mg/kg	MI MOPC77	Myclobutanil (sum of isomers)	0.01	mg/kg	MI MOPC77	2-(1-Naphthyl)acetamide (expr. as 1-naphthylacetic acid) (1-NAD)	0.01	mg/kg	MI MOPC77
1-Naphthylacetic acid (1-NAA)	0.05	mg/kg	MI MOPC77	Napropamide (sum of isomers)	0.01	mg/kg	MI MOPC77	Nicosulfuron	0.01	mg/kg	MI MOPC77
Nitenpyram	0.01	mg/kg	MI MOPC77	Nitrofen	0.01	mg/kg	MI MOPC77	Omethoate	0.01	mg/kg	MI MOPC77
Orthophenylphenol (2-phenyl-phenol)@	0.01	mg/kg	MI MOPC77	Orthosulfamuron	0.01	mg/kg	MI MOPC77	Oryzalin	0.01	mg/kg	MI MOPC77
Oxadiargyl	0.01	mg/kg	MI MOPC77	Oxadiazon	0.01	mg/kg	MI MOPC77	Oxadixyl	0.01	mg/kg	MI MOPC77
Oxamyl	0.01	mg/kg	MI MOPC77	Oxasulfuron	0.01	mg/kg	MI MOPC77	Oxathiapiprolin	0.01	mg/kg	MI MOPC77
Oxyfluorfen	0.01	mg/kg	MI MOPC77	Paclobutrazol (sum of isomers)	0.01	mg/kg	MI MOPC77	Parathion-methyl	0.01	mg/kg	MI MOPC77

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Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Méthod</i>
Parathion-methyl-metabolite (paraoxon-methyl expr. as parathion-methyl)	0.01	mg/kg	MI MOPC77	Penconazole (sum of isomers)	0.01	mg/kg	MI MOPC77	Pencycuron	0.01	mg/kg	MI MOPC77
Pencycuron-metabolite (Pencycuron-PB-amine expr. as pencycuron)	0.01	mg/kg	MI MOPC77	Pendimethalin	0.01	mg/kg	MI MOPC77	Penflufen (sum of isomers)	0.01	mg/kg	MI MOPC77
Penoxsulam	0.01	mg/kg	MI MOPC77	Pentachloroanisol	0.01	mg/kg	MI MOPC77	Pentiopyrad	0.01	mg/kg	MI MOPC77
Permethrin (sum of isomers)	0.01	mg/kg	MI MOPC77	Pethoxamid	0.01	mg/kg	MI MOPC77	Phenmedipham	0.01	mg/kg	MI MOPC77
Phenthroate	0.01	mg/kg	MI MOPC77	Phorate	0.01	mg/kg	MI MOPC77	Phorate-metabolite (Phorate-oxon expr. as phorate)	0.01	mg/kg	MI MOPC77
Phorate-metabolite (Phorate-oxon-sulfone expr. as phorate)	0.01	mg/kg	MI MOPC77	Phorate-metabolite (Phorate-oxon-sulfoxide expr. as phorate)	0.01	mg/kg	MI MOPC77	Phorate-metabolite (Phorate-sulfone expr. as phorate)	0.01	mg/kg	MI MOPC77
Phorate-metabolite (Phorate-sulfoxide expr. as phorate)	0.01	mg/kg	MI MOPC77	Phosalone	0.01	mg/kg	MI MOPC77	Phosmet	0.01	mg/kg	MI MOPC77
Phosmet-metabolite (phosmet oxon expr. as phosmet)	0.01	mg/kg	MI MOPC77	Phoxim	0.01	mg/kg	MI MOPC77	Picloram	0.05	mg/kg	MI MOPC77
Picolinafen	0.01	mg/kg	MI MOPC77	Picoxystrobin	0.01	mg/kg	MI MOPC77	Pinoxaden®	0.01	mg/kg	MI MOPC77
Piperonyl-butoxide	0.005	mg/kg	MI MOPC77	Pirimicarb	0.01	mg/kg	MI MOPC77	Desmethylpirimicarb expr. as pirimicarb	0.01	mg/kg	MI MOPC77
Pirimiphos-methyl	0.01	mg/kg	MI MOPC77	Prochloraz	0.01	mg/kg	MI MOPC77	Prochloraz-metabolite (BTS 44595/M201-04 expr. as prochloraz)	0.01	mg/kg	MI MOPC77
Prochloraz-metabolite (BTS 44596/M201-03 expr. as prochloraz)	0.01	mg/kg	MI MOPC77	Procymidone	0.01	mg/kg	MI MOPC77	Profenofos	0.01	mg/kg	MI MOPC77
Profoxydim	0.01	mg/kg	MI MOPC77	Prohexadione-calcium (+salts)	0.01	mg/kg	MI MOPC77	Prometryn	0.01	mg/kg	MI MOPC77
Propachlor®	0.01	mg/kg	MI MOPC77	Propamocarb (+salts)	0.01	mg/kg	MI MOPC77	Propaquazafop expr. as quizalofop®	0.01	mg/kg	MI MOPC77
Propargite	0.01	mg/kg	MI MOPC77	Propiconazole	0.01	mg/kg	MI MOPC77	Propoxycarbazone (+salts)	0.01	mg/kg	MI MOPC77
Propoxycarbazone metabolite (2-hydroxypropoxycarbazone expr. as propoxycarbazone)	0.01	mg/kg	MI MOPC77	Propyzamide	0.01	mg/kg	MI MOPC77	Proquinazid	0.01	mg/kg	MI MOPC77
Prosulfocarb	0.01	mg/kg	MI MOPC77	Prosulfuron	0.01	mg/kg	MI MOPC77	Prothioconazole (prothioconazole-desthio)	0.01	mg/kg	MI MOPC77
Pydiflumetofen	0.01	mg/kg	MI MOPC77	Pymetrozine	0.01	mg/kg	MI MOPC77	Pyraclostrobin	0.01	mg/kg	MI MOPC77
Pyraflufen-ethyl	0.01	mg/kg	MI MOPC77	Pyraflufen (expr. as pyraflufen-ethyl)	0.01	mg/kg	MI MOPC77	Cinerin I	0.01	mg/kg	MI MOPC77
Cinerin II	0.01	mg/kg	MI MOPC77	Jasmolin I	0.01	mg/kg	MI MOPC77	Jasmolin II	0.01	mg/kg	MI MOPC77
Pyrethrin I	0.01	mg/kg	MI MOPC77	Pyrethrin II	0.01	mg/kg	MI MOPC77	Pyridaben	0.01	mg/kg	MI MOPC77
Pyridalyl	0.01	mg/kg	MI MOPC77	Pyridate®	0.01	mg/kg	MI MOPC77	Pyridate-metabolite (expr. as pyridate)®	0.01	mg/kg	MI MOPC77
Pyrimethanil	0.01	mg/kg	MI MOPC77	Pyriofenone	0.01	mg/kg	MI MOPC77	Pyriproxyfen	0.01	mg/kg	MI MOPC77
Pyroxsulam	0.01	mg/kg	MI MOPC77	Quinmerac®	0.01	mg/kg	MI MOPC77	Quinoclamine	0.01	mg/kg	MI MOPC77
Quinoxyfen	0.01	mg/kg	MI MOPC77	Quintozone	0.005	mg/kg	MI MOPC77	Quintozone metabolite (pentachloroaniline expr. as quintozone)	0.005	mg/kg	MI MOPC77
Quizalofop (incl. quizalofop-P)®	0.01	mg/kg	MI MOPC77	Quizalofop-ethyl (incl. quizalofop-P-ethyl)	0.01	mg/kg	MI MOPC77	Rimsulfuron	0.01	mg/kg	MI MOPC77
Rotenone	0.01	mg/kg	MI MOPC77	Sedaxane	0.01	mg/kg	MI MOPC77	Silthiofam	0.01	mg/kg	MI MOPC77
Sintofen	0.01	mg/kg	MI MOPC77	Spinetoram (sum -J and -L)	0.01	mg/kg	MI MOPC77	Spinosad (spinosyn A & D)	0.01	mg/kg	MI MOPC77
Spirodiclofen	0.01	mg/kg	MI MOPC77	Spiromesifen	0.01	mg/kg	MI MOPC77	Spirotetramat	0.01	mg/kg	MI MOPC77
Spirotetramat-metabolite (BYI08330-enol expr. as spirotetramat)	0.01	mg/kg	MI MOPC77	Spirotetramat-BYI08330-ketoh ydroxy (expr. as spirotetramat)	0.01	mg/kg	MI MOPC77	Spirotetramat-BYI08330-mono hydroxy (expr. as spirotetramat)	0.01	mg/kg	MI MOPC77
Spirotetramat-BYI08330-enol-g luscoside (expr. as spirotetramat)	0.01	mg/kg	MI MOPC77	Spiroxamine	0.01	mg/kg	MI MOPC77	Sulcotrione	0.01	mg/kg	MI MOPC77

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Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
	mg/kg	MI MOPC77		Sulfoxaflor (sum of isomers)	0.01	mg/kg	MI MOPC77	Tebuconazole	0.01	mg/kg	MI MOPC77
Tebufenozide	0.01	mg/kg	MI MOPC77	Tebufenpyrad	0.01	mg/kg	MI MOPC77	Teflubenzuron	0.01	mg/kg	MI MOPC77
Tefluthrin	0.01	mg/kg	MI MOPC77	Tembotrione	0.01	mg/kg	MI MOPC77	Tembotrione-metabolite (Tembotrione-4,6-dihydroxy AE 1417268 expr. as tembotrione)	0.01	mg/kg	MI MOPC77
Tepraloxydim®	0.02	mg/kg	MI MOPC77	Terbutylazine	0.01	mg/kg	MI MOPC77	Terbutylazine-desethyl expr. as terbutylazine	0.01	mg/kg	MI MOPC77
Tetraconazole	0.01	mg/kg	MI MOPC77	Tetradifon	0.01	mg/kg	MI MOPC77	Thiabendazole	0.01	mg/kg	MI MOPC77
Thiacloprid	0.01	mg/kg	MI MOPC77	Thiamethoxam	0.01	mg/kg	MI MOPC77	Thiencarbazone-methyl	0.01	mg/kg	MI MOPC77
Thifensulfuron-methyl	0.01	mg/kg	MI MOPC77	Thiodicarb	0.01	mg/kg	MI MOPC77	Thiophanate-methyl	0.01	mg/kg	MI MOPC77
Tolclofos-methyl	0.01	mg/kg	MI MOPC77	Tolfenpyrad	0.01	mg/kg	MI MOPC77	Tolyfluanid	0.01	mg/kg	MI MOPC77
Tolyfluanid metabolite (DMST expr. as tolyfluanid)	0.01	mg/kg	MI MOPC77	Transfluthrin	0.01	mg/kg	MI MOPC77	Triadimefon	0.01	mg/kg	MI MOPC77
Triadimenol	0.01	mg/kg	MI MOPC77	Triallate	0.01	mg/kg	MI MOPC77	Triasulfuron	0.01	mg/kg	MI MOPC77
Triazamate	0.01	mg/kg	MI MOPC77	Triazophos	0.01	mg/kg	MI MOPC77	Tribenuron-methyl	0.01	mg/kg	MI MOPC77
Trichlorfon	0.01	mg/kg	MI MOPC77	Triclopyr	0.01	mg/kg	MI MOPC77	Tricyclazole	0.01	mg/kg	MI MOPC77
Trifloxystrobin	0.01	mg/kg	MI MOPC77	Triflumizole	0.01	mg/kg	MI MOPC77	Triflumizole-metabolite (Triflumizole-amino (FM6-1) expr. as triflumizole)	0.01	mg/kg	MI MOPC77
Triflumuron	0.01	mg/kg	MI MOPC77	Trifluralin	0.01	mg/kg	MI MOPC77	Triflusulfuron-methyl	0.01	mg/kg	MI MOPC77
Triflusulfuron (IN-M7222)	0.01	mg/kg	MI MOPC77	Trinexapac (-acid +salts, expr. as trinexapac)	0.01	mg/kg	MI MOPC77	Trinexapac-ethyl	0.01	mg/kg	MI MOPC77
Triticonazole	0.01	mg/kg	MI MOPC77	Tritosulfuron	0.01	mg/kg	MI MOPC77	AMTT (resulting from the use of tritosulfuron)	0.01	mg/kg	MI MOPC77
Valifenalate	0.01	mg/kg	MI MOPC77	Vinclozolin	0.01	mg/kg	MI MOPC77	Warfarin (Coumaphene)	0.01	mg/kg	MI MOPC77
Zoxamide	0.01	mg/kg	MI MOPC77								

Notes explicatives : Explanatory notes

MI : Méthode interne

MI : Validated in-house method

La limite de quantification (LQ) est la plus petite concentration pouvant être quantifiée avec une incertitude acceptable. Il s'agit d'une limite technique et non d'une réglementation. La limite de détection est égale à la limite de quantification divisée par 3 (Ld = LQ/3)

The limit of quantification(LQ) is the lowest concentration quantified with an acceptable uncertainty. It is a technical limit and not a regulation. The detection limit Ld = LQ/3

MI MOPC77 : Analyses de résidus phytosanitaires dans les produits non gras d'origine végétale : GC/MS/MS et/ou LC/MS/MS

Pesticide residues analysis in low oil content products of plant origin : GC/MS/MS and/or LC/MS/MS

® : La méthode d'analyse utilisée ne permet pas de tenir compte de la définition du résidu exigée par la réglementation (CE) 396/2005 en vigueur.

The analytical method doesn't allow quantification of the full sum of analytes as stated in the residue definition in regulation (EC) N° 396/2005.

Résultats validés par :

Stéphanie LE BARS

Technicienne

Results validated by

Cette validation est une signature électronique.
Electronic signature

Responsable du Laboratoire

Sécurité des aliments

Annie BRISARD

Laboratory manager