

Rapport d'essai

Certificate of analysis

Identification rapport d'essai

Report identification

Número : 2026_6.63.1
Number
Date de validation : 21/01/2026 17:31
Validation date
Date d'édition : 21/01/2026 17:36
Edition date

Demandeur : LABORATOIRE AQMC
174186(AUT) 135 RUE DE LA GARRIGUETTE CS 20130 - SAINT AUNÈS
34130 MAUGUIO

Payeur : LABORATOIRE AQMC 135 RUE DE LA GARRIGUETTE CS 20130
174186(AUT) - SAINT AUNÈS
34130 MAUGUIO

LABORATOIRE AQMC
135 RUE DE LA GARRIGUETTE
CS 20130 - SAINT AUNÈS
34130 MAUGUIO

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The results relate only to the samples subjected to analysis as received at the laboratory. The reproduction of this report is allowed only under its entire form. Foodstuffs intended for the consumption and which are not in accordance with the regulation must be notified by you to the concerned government agency.

Référence QuickCommande : 67129

Order reference

Echantillon : 2026_6.63.1

Identification (1) :
Identification

SPIRULINE SECHE - N° DOSSIER : 000163462 - N° ECHANTILLON :
CECH2026-490 - CLIENT : SAS SOLIS CULTURAE - 390

N° lot / Origine (1) : LONNES.2_2025
Batch n° / Origin

Date de réception : 08/01/2026
Received date

Quantité reçue : 346 g
Received quantity

Date de début d'analyse : 08/01/2026
Beginning of analysis

Information (1) : DLC/DLUO : NC

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

Prestation :

Analytical service

Iode

Plomb, Cadmium, Arsenic, Mercure, Etain

HAP (4 molécules)

Pack usage plus (PROTOCOLE_SAP1842 V12)

Paramètres recherchés supérieurs à la limite de détection :

Required compounds above the limit of detection :

Paramètre Compound	Résultat Result (+/- uncertainty)	Unité Unit	LQ LQ	Méthode d'analyse Analysis method
Arsenic (arsenic)	0.83 (+/- 0.27)	mg/kg	0.010	MI MO-PC-085 ICP/MS
Plomb (lead)	0.15 (+/- 0.07)	mg/kg	0.010	MI MO-PC-085 ICP/MS
Mercure (mercury)	0.018 (+/- 0.008)	mg/kg	0.0050	MI MO-PC-085 ICP/MS
Cadmium (cadmium)	0.005 (+/- 0.002)	mg/kg	0.0050	MI MO-PC-085 ICP/MS

Notes explicatives :

Explanatory notes

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

nd : non détecté (inférieur à la limite de détection Ld) - Ld = LQ / 3

nd : not detected (analytes detected below the limit of detection Ld)

Pour les métaux lourds, l'incertitude exprimée correspond à l'incertitude calculée selon le modèle d'Horwitz (facteur d'élargissement k = 2).

Heavy metals : the mentioned uncertainty is calculated according to Horwitz equation (coverage factor k=2).

Pour les résidus de pesticides, l'incertitude exprimée est de 50 % conformément au guide SANTE "Analytical quality control and method validation procedures for pesticide residues analysis in food and feed" en vigueur (facteur d'élargissement k = 2).

Pesticide residues : an uncertainty of 50% is applied according to guidance document SANTE "Analytical quality control and method validation procedures for pesticide residues analysis in food and feed" applicable (coverage factor k=2).

MI : Méthode interne MI : Validated in-house method

Métaux : les résultats sont exprimés sur le produit brut

Heavy metals : the results are expressed on the raw sample

Laboratoire habilité par l'INAO.

Paramètres recherchés et inférieurs à la limite de détection :

Required and not detected compounds :

Divers (Others)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
Iode	0.50	mg/kg	ST - ICP/MS	Benzo-(a)-pyrene	0.50	µg/kg	ST GC-MS(n)	Benzo-(a)-anthracene	0.50	µg/kg	ST GC-MS(n)
Benzo-(b)-fluoranthene	0.50	µg/kg	ST GC-MS(n)	Chrysene	0.50	µg/kg	ST GC-MS(n)				

Métaux lourds (Heavy metals)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
Etain (tin)	0.05	mg/kg	MI MO-PC-085 ICP/MS								

Pesticides (Pesticides)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod	Paramètre Compound	LQ LQ	Unité Unit	Méthode Méthod
2,4-D (+salts)@	0.01	mg/kg	MI MO-PC-077	2,4-DB (+salts)@	0.01	mg/kg	MI MO-PC-077	Avermectin B1a	0.002	mg/kg	MI MO-PC-077
Avermectin B1b expr. as avermectin B1a	0.002	mg/kg	MI MO-PC-077	Avermectin B1a (8,9,z) expr. as avermectin B1a	0.002	mg/kg	MI MO-PC-077	Acephate	0.01	mg/kg	MI MO-PC-077
Acequinocyl	0.01	mg/kg	MI MO-PC-077	Acetamidrid	0.01	mg/kg	MI MO-PC-077	Acetochlor	0.01	mg/kg	MI MO-PC-077
Acibenzolar-S-methyl@	0.01	mg/kg	MI MO-PC-077	Acionifen	0.01	mg/kg	MI MO-PC-077	Acrinathrin	0.01	mg/kg	MI MO-PC-077
Alachlor	0.01	mg/kg	MI MO-PC-077	Aldicarb	0.01	mg/kg	MI MO-PC-077	Aldicarb-metabolite (-sulfone expr. as aldicarb)	0.005	mg/kg	MI MO-PC-077
Aldicarb-metabolite (-sulfone expr. as aldicarb)	0.005	mg/kg	MI MO-PC-077	Ametoctradin	0.01	mg/kg	MI MO-PC-077	Amidosulfuron	0.01	mg/kg	MI MO-PC-077
Amisulbrom	0.01	mg/kg	MI MO-PC-077	Amitraz-metabolite (2,4-dimethylformamidine (DMF) expr. as amitraz)@	0.01	mg/kg	MI MO-PC-077	Amitraz-metabolite (N-2,4-dimethylphenyl-N-methylformamidine (DMPF) expr. as amitraz)@	0.01	mg/kg	MI MO-PC-077
Anthraquinone	0.01	mg/kg	MI MO-PC-077	Asulam	0.01	mg/kg	MI MO-PC-077	Atrazine	0.01	mg/kg	MI MO-PC-077
Atrazine-desethyl	0.01	mg/kg	MI MO-PC-077	Atrazine-desisopropyl	0.01	mg/kg	MI MO-PC-077	Azadirachtin	0.01	mg/kg	MI MO-PC-077
Azimsulfuron	0.01	mg/kg	MI MO-PC-077	Azinphos-methyl	0.01	mg/kg	MI MO-PC-077	Azoxystrobin	0.01	mg/kg	MI MO-PC-077
Beflubutamid	0.01	mg/kg	MI MO-PC-077	Benalaxyl (incl. benalaxyl-M - sum of isomers)	0.01	mg/kg	MI MO-PC-077	Bendiocarb	0.01	mg/kg	MI MO-PC-077
Benfluralin	0.01	mg/kg	MI MO-PC-077	Benoxacor	0.01	mg/kg	MI MO-PC-077	Bensulfuron-methyl	0.01	mg/kg	MI MO-PC-077
Bentazone (+salts)@	0.01	mg/kg	MI MO-PC-077	Bentazone metabolite (free 6-hydroxy bentazone expr. as bentazone)@	0.01	mg/kg	MI MO-PC-077	Bentazone metabolite (free 8-hydroxy bentazone expr. as bentazone)@	0.01	mg/kg	MI MO-PC-077
Benthialcalicarb-isopropyl@	0.01	mg/kg	MI MO-PC-077	Benzovindiflupyr	0.01	mg/kg	MI MO-PC-077	6-Benzyladenine	0.01	mg/kg	MI MO-PC-077
Bifenazate@	0.01	mg/kg	MI MO-PC-077	Bifenox	0.01	mg/kg	MI MO-PC-077	Bifenthrin	0.01	mg/kg	MI MO-PC-077
Bispyribac@	0.01	mg/kg	MI MO-PC-077	Bitertanol	0.01	mg/kg	MI MO-PC-077	Bixafen	0.01	mg/kg	MI MO-PC-077
Boscalid	0.01	mg/kg	MI MO-PC-077	Brodifacoum	0.01	mg/kg	MI MO-PC-077	Bromadiolone	0.01	mg/kg	MI MO-PC-077
Bromopropylate	0.01	mg/kg	MI MO-PC-077	Bromoxynil (+salts)	0.01	mg/kg	MI MO-PC-077	Bromuconazole	0.01	mg/kg	MI MO-PC-077
Bupirimate	0.01	mg/kg	MI MO-PC-077	Buprofezin	0.01	mg/kg	MI MO-PC-077	Butralin	0.01	mg/kg	MI MO-PC-077
Cadusafos	0.01	mg/kg	MI MO-PC-077	Captan + tetrahydrophtalimide expr. as captan	0.05	mg/kg	MI MO-PC-077	Carbaryl	0.01	mg/kg	MI MO-PC-077
Carbendazim (incl. benomyl)	0.01	mg/kg	MI MO-PC-077	Carbetamide	0.01	mg/kg	MI MO-PC-077	Carbofuran	0.0005	mg/kg	MI MO-PC-077
Carbofuran-metabolite (3-hydroxy-carbofuran expr. as carbofuran)	0.0005	mg/kg	MI MO-PC-077	Benfuracarb (expr. as carbofuran)	0.01	mg/kg	MI MO-PC-077	Carbosulfan (expr. as carbofuran)	0.01	mg/kg	MI MO-PC-077
Furathiocarb (expr. as carbofuran)	0.01	mg/kg	MI MO-PC-077	Carboxin	0.01	mg/kg	MI MO-PC-077	Carboxin-metabolite (Carboxin-sulfoxide expr. as carboxin)	0.01	mg/kg	MI MO-PC-077
Carboxin-metabolite (Carboxin-sulfone (Oxycarboxin) expr. as carboxin)	0.01	mg/kg	MI MO-PC-077	Carfentrazone-ethyl	0.01	mg/kg	MI MO-PC-077	Carfentrazone (expr. as carfentrazone-ethyl)	0.01	mg/kg	MI MO-PC-077
Chlorantraniliprole (rynaxypyr)	0.01	mg/kg	MI MO-PC-077	Chlordane-cis	0.005	mg/kg	MI MO-PC-077	Chlordane-trans	0.005	mg/kg	MI MO-PC-077
Chlordane-oxy	0.01	mg/kg	MI MO-PC-077	Chlorfenapyr	0.01	mg/kg	MI MO-PC-077	Chlorfenvinphos	0.01	mg/kg	MI MO-PC-077
Chloridazon	0.01	mg/kg	MI MO-PC-077	Chloridazon-metabolite (-desphenyl expr. as chloridazon)	0.02	mg/kg	MI MO-PC-077	Chlorothalonil	0.01	mg/kg	MI MO-PC-077
Chlorotoluron	0.01	mg/kg	MI MO-PC-077	Chlorpropham (CIPC)	0.01	mg/kg	MI MO-PC-077	Chlorpyrifos(-ethyl)	0.01	mg/kg	MI MO-PC-077
Chlorpyrifos-methyl	0.01	mg/kg	MI MO-PC-077	Chlorpyrifos-methyl metabolite (-desmethyl expr. as chlorpyrifos-methyl)	0.01	mg/kg	MI MO-PC-077	Chlorsulfuron	0.01	mg/kg	MI MO-PC-077
Chlorthal-dimethyl	0.01	mg/kg	MI MO-PC-077	Chromafenozide	0.01	mg/kg	MI MO-PC-077	Clethodim (expr. as sethoxydim)	0.01	mg/kg	MI MO-PC-077
Clethodim-metabolite (-sulfone expr. as sethoxydim)	0.01	mg/kg	MI MO-PC-077	Clethodim-metabolite (-sulfoxide expr. as sethoxydim)	0.01	mg/kg	MI MO-PC-077	Sethoxydim	0.01	mg/kg	MI MO-PC-077
Clodinafop (incl. S-clodinafop + salts)	0.01	mg/kg	MI MO-PC-077	Clodinafop-propargyl	0.01	mg/kg	MI MO-PC-077	Clofentezine	0.01	mg/kg	MI MO-PC-077

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>
Clomazone	0.01	mg/kg	MI MO-PC-077	Clopyralid	0.02	mg/kg	MI MO-PC-077	Cloquintocet-mexyl	0.01	mg/kg	MI MO-PC-077
Cloquintocet	0.01	mg/kg	MI MO-PC-077	Clothianidin	0.01	mg/kg	MI MO-PC-077	Coumaphos	0.01	mg/kg	MI MO-PC-077
Coumatetralyl	0.01	mg/kg	MI MO-PC-077	Cyantranilprole	0.01	mg/kg	MI MO-PC-077	Cyazofamid	0.01	mg/kg	MI MO-PC-077
Cycloxydim@	0.01	mg/kg	MI MO-PC-077	Cyflufenamid (sum of E & Z isomers expr. as cyflufenamid)	0.01	mg/kg	MI MO-PC-077	Cyflumetofen	0.01	mg/kg	MI MO-PC-077
Cyfluthrin (incl. cyfluthrin-beta - sum of isomers)	0.01	mg/kg	MI MO-PC-077	Cyhalofop-butyl	0.01	mg/kg	MI MO-PC-077	Cyhalofop	0.01	mg/kg	MI MO-PC-077
Cyhalothrin-lambda (incl. -gamma - sum of isomers)	0.01	mg/kg	MI MO-PC-077	Cymiazole	0.01	mg/kg	MI MO-PC-077	Cymoxanil	0.01	mg/kg	MI MO-PC-077
Cypermethrin (incl. alphamethrin - sum of isomers)	0.01	mg/kg	MI MO-PC-077	Cyproconazole	0.01	mg/kg	MI MO-PC-077	Cyprodinil	0.01	mg/kg	MI MO-PC-077
Cyprosulfamide	0.01	mg/kg	MI MO-PC-077	Cyromazine	0.01	mg/kg	MI MO-PC-077	Dazomet@	0.01	mg/kg	MI MO-PC-077
DDT (sum of isomers DDT op' + DDT pp' + DDD pp' + DDE pp')	0.05	mg/kg	MI MO-PC-077	Deltamethrin	0.01	mg/kg	MI MO-PC-077	Oxydemeton-methyl (demeton-S-methyl-sulfoxide = ODM)	0.005	mg/kg	MI MO-PC-077
Oxydemeton-methyl metabolite (demeton-S-methyl-sulfone expr. as ODM)	0.005	mg/kg	MI MO-PC-077	Desmedipham	0.01	mg/kg	MI MO-PC-077	Diazinon	0.01	mg/kg	MI MO-PC-077
Dicamba	0.01	mg/kg	MI MO-PC-077	Dichlobenil	0.01	mg/kg	MI MO-PC-077	Dichlofluanid	0.01	mg/kg	MI MO-PC-077
3,5-Dichloroaniline	0.01	mg/kg	MI MO-PC-077	Dichlorprop (incl. dichlorprop-p+salts) (2,4-DP)@	0.01	mg/kg	MI MO-PC-077	Dichlorvos	0.01	mg/kg	MI MO-PC-077
Diclofop (expr. as diclofop-methyl)	0.01	mg/kg	MI MO-PC-077	Diclofop-methyl	0.01	mg/kg	MI MO-PC-077	Dicloran	0.01	mg/kg	MI MO-PC-077
Dicofol	0.01	mg/kg	MI MO-PC-077	Aldrin (expr. as dieldrin)	0.005	mg/kg	MI MO-PC-077	Dieldrin	0.005	mg/kg	MI MO-PC-077
Diethofencarb	0.01	mg/kg	MI MO-PC-077	Diethyl toluamide (DEET)	0.01	mg/kg	MI MO-PC-077	Difenacoum	0.01	mg/kg	MI MO-PC-077
Difenoconazole	0.01	mg/kg	MI MO-PC-077	Difethialone	0.01	mg/kg	MI MO-PC-077	Diflubenzuron	0.01	mg/kg	MI MO-PC-077
Diflufenican (diflufenicanil)	0.01	mg/kg	MI MO-PC-077	Dimethachlor	0.01	mg/kg	MI MO-PC-077	Dimethenamid (incl. dimethenamid-P)	0.01	mg/kg	MI MO-PC-077
Dimethoate	0.01	mg/kg	MI MO-PC-077	Dimethomorph	0.01	mg/kg	MI MO-PC-077	1,4-dimethylnaphtalene	0.01	mg/kg	MI MO-PC-077
Dimoxystrobin	0.01	mg/kg	MI MO-PC-077	Diniconazole	0.01	mg/kg	MI MO-PC-077	Dinocap@	0.01	mg/kg	MI MO-PC-077
Dinocap-meptyl@	0.01	mg/kg	MI MO-PC-077	Dinotefuran	0.01	mg/kg	MI MO-PC-077	Diphenylamine	0.01	mg/kg	MI MO-PC-077
Diuron	0.01	mg/kg	MI MO-PC-077	Dodemorph	0.01	mg/kg	MI MO-PC-077	Dodine	0.01	mg/kg	MI MO-PC-077
Emamectin B1a (+salts expr. as emamectin B1a)	0.002	mg/kg	MI MO-PC-077	Endosulfan-alpha	0.01	mg/kg	MI MO-PC-077	Endosulfan-beta	0.01	mg/kg	MI MO-PC-077
Endosulfan-sulfate (expr. as endosulfan)	0.01	mg/kg	MI MO-PC-077	Endrin	0.005	mg/kg	MI MO-PC-077	Epoxiconazole	0.01	mg/kg	MI MO-PC-077
Ethametsulfuron	0.01	mg/kg	MI MO-PC-077	Ethion (Diethion)	0.01	mg/kg	MI MO-PC-077	Ethirimol	0.01	mg/kg	MI MO-PC-077
Ethofumesate@	0.01	mg/kg	MI MO-PC-077	Ethofumesate-metabolite (Ethofumesate-2-keto expr. as ethofumesate)@	0.01	mg/kg	MI MO-PC-077	Ethofumesate-metabolite (Ethofumesate-open-ring-2-keto expr. as ethofumesate)@	0.01	mg/kg	MI MO-PC-077
Ethoprophos	0.01	mg/kg	MI MO-PC-077	Ethoxysulfuron	0.01	mg/kg	MI MO-PC-077	Etofenprox	0.01	mg/kg	MI MO-PC-077
Etoazole	0.01	mg/kg	MI MO-PC-077	Etridiazole	0.01	mg/kg	MI MO-PC-077	Famoxadone	0.01	mg/kg	MI MO-PC-077
Fenamidone	0.01	mg/kg	MI MO-PC-077	Fenamiphos	0.01	mg/kg	MI MO-PC-077	Fenamiphos-metabolite (sulfone expr. as fenamiphos)	0.005	mg/kg	MI MO-PC-077
Fenamiphos-metabolite (sulfoxide expr. as fenamiphos)	0.005	mg/kg	MI MO-PC-077	Fenarimol	0.01	mg/kg	MI MO-PC-077	Fenazaquin	0.01	mg/kg	MI MO-PC-077
Fenbuconazole (sum of enantiomers)	0.01	mg/kg	MI MO-PC-077	Fenchlorazole-ethyl	0.01	mg/kg	MI MO-PC-077	Fenhexamid	0.01	mg/kg	MI MO-PC-077
Fenitrothion	0.01	mg/kg	MI MO-PC-077	Fenoxaprop-P	0.01	mg/kg	MI MO-PC-077	Fenoxaprop-P-ethyl	0.01	mg/kg	MI MO-PC-077
Fenoxycarb	0.01	mg/kg	MI MO-PC-077	Fenpicoxamid	0.01	mg/kg	MI MO-PC-077	Fenpropathrin	0.01	mg/kg	MI MO-PC-077
Fenpropidin (+ salts)	0.01	mg/kg	MI MO-PC-077	Fenpropimorph (sum of isomers)	0.01	mg/kg	MI MO-PC-077	Fenpyrazamine	0.01	mg/kg	MI MO-PC-077
Fenpyroximate	0.01	mg/kg	MI MO-PC-077	Fenthion	0.002	mg/kg	MI MO-PC-077	Fenthion-metabolite (-oxon expr. as fenthion)	0.002	mg/kg	MI MO-PC-077
Fenthion-metabolite (-oxon-sulfone expr. as fenthion)	0.002	mg/kg	MI MO-PC-077	Fenthion-metabolite (-oxon-sulfoxide expr. as fenthion)	0.002	mg/kg	MI MO-PC-077	Fenthion-metabolite (-sulfone expr. as fenthion)	0.002	mg/kg	MI MO-PC-077
Fenthion-metabolite (-sulfoxide expr. as fenthion)	0.002	mg/kg	MI MO-PC-077	Fenvalerate / Esfenvalerate	0.01	mg/kg	MI MO-PC-077	Fipronil	0.005	mg/kg	MI MO-PC-077
Fipronil-metabolite (-sulfone expr. as fipronil)	0.005	mg/kg	MI MO-PC-077	Flazasulfuron	0.01	mg/kg	MI MO-PC-077	Flocoumafen	0.01	mg/kg	MI MO-PC-077
Fonicamid	0.01	mg/kg	MI MO-PC-077	Fonicamid-metabolite (TFNA expr. as fonicamid)	0.01	mg/kg	MI MO-PC-077	Fonicamid-metabolite (TFNG expr. as fonicamid)	0.01	mg/kg	MI MO-PC-077
Florasulam	0.01	mg/kg	MI MO-PC-077	Florpyrauxifen-benzyl	0.01	mg/kg	MI MO-PC-077	Fluazifop-P (+isomers of fluazifop)@	0.005	mg/kg	MI MO-PC-077
Fluazifop-P-butyl (expr. as fluazifop)	0.005	mg/kg	MI MO-PC-077	Fluazinam	0.01	mg/kg	MI MO-PC-077	Flubendiamide	0.01	mg/kg	MI MO-PC-077

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method
Fludioxonil	0.01	mg/kg	MI MO-PC-077	Flufenoxuron	0.01	mg/kg	MI MO-PC-077	Flumetralin	0.01	mg/kg	MI MO-PC-077
Flumioxazine	0.01	mg/kg	MI MO-PC-077	Flufenacet (Fluthiamide)@	0.01	mg/kg	MI MO-PC-077	Fluometuron	0.01	mg/kg	MI MO-PC-077
Fluopicolide	0.01	mg/kg	MI MO-PC-077	Fluopyram	0.01	mg/kg	MI MO-PC-077	Fluoxastrobin	0.01	mg/kg	MI MO-PC-077
Flupyradifurone	0.01	mg/kg	MI MO-PC-077	Flupyr-sulfuron-methyl	0.01	mg/kg	MI MO-PC-077	Fluquinconazole	0.01	mg/kg	MI MO-PC-077
Flurochloridone	0.01	mg/kg	MI MO-PC-077	Fluroxypyr (+salts)@	0.005	mg/kg	MI MO-PC-077	Fluroxypyr-meptyl (expr. as fluroxypyr)@	0.005	mg/kg	MI MO-PC-077
Flurtamone	0.01	mg/kg	MI MO-PC-077	Flusilazole	0.01	mg/kg	MI MO-PC-077	Flutianil	0.01	mg/kg	MI MO-PC-077
Flutolanil	0.01	mg/kg	MI MO-PC-077	Flutriafol	0.01	mg/kg	MI MO-PC-077	Fluvalinate-tau	0.01	mg/kg	MI MO-PC-077
Fluxapyroxad	0.01	mg/kg	MI MO-PC-077	Folpet + phthalimide expr. as folpet	0.03	mg/kg	MI MO-PC-077	Foramsulfuron	0.01	mg/kg	MI MO-PC-077
Forchlorfenuron	0.01	mg/kg	MI MO-PC-077	Formethanate (+salts)	0.01	mg/kg	MI MO-PC-077	Fosthiazate	0.01	mg/kg	MI MO-PC-077
Fuberidazole	0.01	mg/kg	MI MO-PC-077	Gibberellic acid	0.10	mg/kg	MI MO-PC-077	Halauixifen-methyl	0.01	mg/kg	MI MO-PC-077
Halauixifen-methyl-metabolite (Halauixifen expr. as halauixifen-methyl)	0.01	mg/kg	MI MO-PC-077	Halosulfuron-methyl	0.01	mg/kg	MI MO-PC-077	Haloxypop (+salts)@	0.003	mg/kg	MI MO-PC-077
Haloxypop-methyl (expr. as haloxypop)@	0.003	mg/kg	MI MO-PC-077	Haloxypop-2-ethoxyethyl (expr. as haloxypop)@	0.003	mg/kg	MI MO-PC-077	HCH-alpha	0.01	mg/kg	MI MO-PC-077
HCH-beta	0.01	mg/kg	MI MO-PC-077	HCH-delta	0.01	mg/kg	MI MO-PC-077	HCH-gamma (Lindane)	0.01	mg/kg	MI MO-PC-077
Heptachlor	0.01	mg/kg	MI MO-PC-077	Heptachlor-epoxyde-cis (expr. as heptachlor)	0.01	mg/kg	MI MO-PC-077	Heptachlor-epoxyde-trans (expr. as heptachlor)	0.01	mg/kg	MI MO-PC-077
Hexachlorobenzene (HCB)	0.01	mg/kg	MI MO-PC-077	Hexaconazole	0.01	mg/kg	MI MO-PC-077	Hexythiazox (any ratio of constituent isomers)	0.01	mg/kg	MI MO-PC-077
Imazalil	0.01	mg/kg	MI MO-PC-077	Imazamox (+salts)	0.01	mg/kg	MI MO-PC-077	Imazapyr	0.01	mg/kg	MI MO-PC-077
Imazaquin	0.01	mg/kg	MI MO-PC-077	Imazosulfuron	0.01	mg/kg	MI MO-PC-077	Imidacloprid	0.01	mg/kg	MI MO-PC-077
Indolyibutyric acid	0.01	mg/kg	MI MO-PC-077	Indoxacarb (+R enantiomer)	0.01	mg/kg	MI MO-PC-077	Iodosulfuron-methyl (+salts)	0.01	mg/kg	MI MO-PC-077
Ioxynil (+salts)	0.01	mg/kg	MI MO-PC-077	Ipcnazole	0.01	mg/kg	MI MO-PC-077	Iprodione	0.01	mg/kg	MI MO-PC-077
Iprovalicarb	0.01	mg/kg	MI MO-PC-077	Isofenphos-methyl	0.01	mg/kg	MI MO-PC-077	Isofetamid	0.01	mg/kg	MI MO-PC-077
Isoprothiolane	0.01	mg/kg	MI MO-PC-077	Isoproturon	0.01	mg/kg	MI MO-PC-077	Isoprazam (sum of isomers)	0.01	mg/kg	MI MO-PC-077
Isoxaben	0.01	mg/kg	MI MO-PC-077	Isoxadifen-ethyl	0.01	mg/kg	MI MO-PC-077	Isoxaflutole	0.01	mg/kg	MI MO-PC-077
Isoxaflutole-metabolite (Isoxaflutole diketonitrile RPA 202248 expr. as Isoxaflutole)	0.01	mg/kg	MI MO-PC-077	Kresoxim-methyl	0.01	mg/kg	MI MO-PC-077	Lenacil	0.01	mg/kg	MI MO-PC-077
Linuron	0.01	mg/kg	MI MO-PC-077	Lufenuron	0.01	mg/kg	MI MO-PC-077	Malathion	0.01	mg/kg	MI MO-PC-077
Malathion-metabolite (malaoxon expr. as malathion)	0.01	mg/kg	MI MO-PC-077	Mandestrobilin	0.01	mg/kg	MI MO-PC-077	Mandipropamid (any ratio of constituent isomers)	0.01	mg/kg	MI MO-PC-077
MCPA (+salts)@	0.01	mg/kg	MI MO-PC-077	MCPB (+salts) expr. as MCPA@	0.01	mg/kg	MI MO-PC-077	Mecoprop (incl. Mecoprop-p)	0.01	mg/kg	MI MO-PC-077
Mefenpyr-diethyl	0.01	mg/kg	MI MO-PC-077	Mefentri-fluconazole	0.01	mg/kg	MI MO-PC-077	Mepanipyrim	0.01	mg/kg	MI MO-PC-077
Mesosulfuron-methyl	0.01	mg/kg	MI MO-PC-077	Mesotrione	0.01	mg/kg	MI MO-PC-077	Metaflumizone (sum of isomers)	0.01	mg/kg	MI MO-PC-077
Metalaxyl (incl. metalaxyl-M = mefenoxam)	0.01	mg/kg	MI MO-PC-077	Metaldehyde	0.01	mg/kg	MI MO-PC-077	Metamitron	0.01	mg/kg	MI MO-PC-077
Metazachlor	0.005	mg/kg	MI MO-PC-077	Metazachlor metabolite (479M04 expr.as metazachlor)	0.005	mg/kg	MI MO-PC-077	Metazachlor metabolite (479M08 expr.as metazachlor)	0.005	mg/kg	MI MO-PC-077
Metazachlor metabolite (479M16 expr.as metazachlor)	0.005	mg/kg	MI MO-PC-077	Metconazole	0.01	mg/kg	MI MO-PC-077	Methamidophos	0.01	mg/kg	MI MO-PC-077
Methidathion	0.01	mg/kg	MI MO-PC-077	Methiocarb (Mercaptodimethur)	0.01	mg/kg	MI MO-PC-077	Methiocarb-metabolite (-sulfone expr. as methiocarb)	0.01	mg/kg	MI MO-PC-077
Methiocarb-metabolite (-sulfone expr. as methiocarb)	0.01	mg/kg	MI MO-PC-077	Methomyl	0.01	mg/kg	MI MO-PC-077	Methoxyfenozide	0.01	mg/kg	MI MO-PC-077
Metobromuron	0.01	mg/kg	MI MO-PC-077	Metobromuron metabolite (4-bromophenylurea expr. as metobromuron)	0.01	mg/kg	MI MO-PC-077	Metobromuron-desmethyl	0.01	mg/kg	MI MO-PC-077
Metobromuron-desmethoxy	0.01	mg/kg	MI MO-PC-077	4-Bromoaniline	0.01	mg/kg	MI MO-PC-077	Metolachlor (incl. S-metolachlor)	0.01	mg/kg	MI MO-PC-077
Metosulam	0.01	mg/kg	MI MO-PC-077	Metrafenone	0.01	mg/kg	MI MO-PC-077	Metribuzin	0.01	mg/kg	MI MO-PC-077
Metsulfuron-methyl	0.01	mg/kg	MI MO-PC-077	Milbemycin A3 expr. as milbemectin	0.01	mg/kg	MI MO-PC-077	Milbemycin A4 expr. as milbemectin	0.01	mg/kg	MI MO-PC-077
Monocrotophos	0.01	mg/kg	MI MO-PC-077	Myclobutanil (sum of isomers)	0.01	mg/kg	MI MO-PC-077	2-(1-Naphthyl)acetamide (expr. as 1-naphthylacetic acid) (1-NAD)	0.01	mg/kg	MI MO-PC-077
1-Naphthylacetic acid (1-NAA)	0.05	mg/kg	MI MO-PC-077	Napropamide (sum of isomers)	0.01	mg/kg	MI MO-PC-077	Nicosulfuron	0.01	mg/kg	MI MO-PC-077
Nitenpyram	0.01	mg/kg	MI MO-PC-077	Nitrofen	0.01	mg/kg	MI MO-PC-077	Omethoate	0.01	mg/kg	MI MO-PC-077
Orthophenylphenol (2-phenyl-phenol)@	0.01	mg/kg	MI MO-PC-077	Orthosulfamuron	0.01	mg/kg	MI MO-PC-077	Oryzalin	0.01	mg/kg	MI MO-PC-077
Oxadiazyl	0.01	mg/kg	MI MO-PC-077	Oxadiazon	0.01	mg/kg	MI MO-PC-077	Oxadixyl	0.01	mg/kg	MI MO-PC-077
Oxamyl	0.01	mg/kg	MI MO-PC-077	Oxasulfuron	0.01	mg/kg	MI MO-PC-077	Oxathiapiprolin	0.01	mg/kg	MI MO-PC-077
Oxyfluorfen	0.01	mg/kg	MI MO-PC-077	Paclobutrazol (sum of isomers)	0.01	mg/kg	MI MO-PC-077	Parathion-methyl	0.01	mg/kg	MI MO-PC-077

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>
Parathion-methyl-metabolite (paraoxon-methyl expr. as parathion-methyl)	0.01	mg/kg	MI MO-PC-077	Penconazole (sum of isomers)	0.01	mg/kg	MI MO-PC-077	Pencycuron	0.01	mg/kg	MI MO-PC-077
Pencycuron-metabolite (Pencycuron-PB-amine expr. as pencycuron)	0.01	mg/kg	MI MO-PC-077	Pendimethalin	0.01	mg/kg	MI MO-PC-077	Penflufen (sum of isomers)	0.01	mg/kg	MI MO-PC-077
Penoxsulam	0.01	mg/kg	MI MO-PC-077	Pentachloroanisol	0.01	mg/kg	MI MO-PC-077	Penthiopyrad	0.01	mg/kg	MI MO-PC-077
Permethrin (sum of isomers)	0.01	mg/kg	MI MO-PC-077	Pethoxamid	0.01	mg/kg	MI MO-PC-077	Phenmedipham	0.01	mg/kg	MI MO-PC-077
Phenthoate	0.01	mg/kg	MI MO-PC-077	Phorate	0.01	mg/kg	MI MO-PC-077	Phorate-metabolite (Phorate-oxon expr. as phorate)	0.01	mg/kg	MI MO-PC-077
Phorate-metabolite (Phorate-oxon-sulfone expr. as phorate)	0.01	mg/kg	MI MO-PC-077	Phorate-metabolite (Phorate-oxon-sulfoxide expr. as phorate)	0.01	mg/kg	MI MO-PC-077	Phorate-metabolite (Phorate-sulfone expr. as phorate)	0.01	mg/kg	MI MO-PC-077
Phorate-metabolite (Phorate-sulfoxide expr. as phorate)	0.01	mg/kg	MI MO-PC-077	Phosalone	0.01	mg/kg	MI MO-PC-077	Phosmet	0.005	mg/kg	MI MO-PC-077
Phosmet-oxon (expr. as phosmet)	0.01	mg/kg	MI MO-PC-077	Phoxim	0.01	mg/kg	MI MO-PC-077	Picloram@	0.05	mg/kg	MI MO-PC-077
Picolinafen	0.01	mg/kg	MI MO-PC-077	Picoxystrobin	0.01	mg/kg	MI MO-PC-077	Pinoxaden@	0.01	mg/kg	MI MO-PC-077
Piperonyl-butoxide	0.005	mg/kg	MI MO-PC-077	Pirimicarb	0.01	mg/kg	MI MO-PC-077	Desmethylpirimicarb expr. as pirimicarb	0.01	mg/kg	MI MO-PC-077
Pirimiphos-methyl	0.01	mg/kg	MI MO-PC-077	Prochloraz	0.01	mg/kg	MI MO-PC-077	Prochloraz-metabolite (BTS 44595/M201-04 expr. as prochloraz)	0.01	mg/kg	MI MO-PC-077
Prochloraz-metabolite (BTS 44596/M201-03 expr. as prochloraz)	0.01	mg/kg	MI MO-PC-077	Procymidone	0.01	mg/kg	MI MO-PC-077	Profenofos	0.01	mg/kg	MI MO-PC-077
Profoxydim	0.01	mg/kg	MI MO-PC-077	Prohexadione-calcium (+salts)	0.01	mg/kg	MI MO-PC-077	Prometryn	0.01	mg/kg	MI MO-PC-077
Propachlor@	0.01	mg/kg	MI MO-PC-077	Propamocarb (+salts)	0.01	mg/kg	MI MO-PC-077	Propaquizafop expr. as quizalofop@	0.01	mg/kg	MI MO-PC-077
Propargite	0.01	mg/kg	MI MO-PC-077	Propiconazole	0.01	mg/kg	MI MO-PC-077	Propoxycarbazone (+salts)	0.01	mg/kg	MI MO-PC-077
Propoxycarbazone metabolite (2-hydroxypropoxycarbazone expr. as propoxycarbazone)	0.01	mg/kg	MI MO-PC-077	Propyzamide	0.01	mg/kg	MI MO-PC-077	Proquinazid	0.01	mg/kg	MI MO-PC-077
Prosulfocarb	0.01	mg/kg	MI MO-PC-077	Prosulfuron	0.01	mg/kg	MI MO-PC-077	Prothioconazole (prothioconazole-desthio)	0.01	mg/kg	MI MO-PC-077
Pydiflumetofen	0.01	mg/kg	MI MO-PC-077	Pymetrozine	0.01	mg/kg	MI MO-PC-077	Pyraclostrobin	0.01	mg/kg	MI MO-PC-077
Pyraflufen-ethyl	0.01	mg/kg	MI MO-PC-077	Pyraflufen (expr. as pyraflufen-ethyl)	0.01	mg/kg	MI MO-PC-077	Cinerin I	0.01	mg/kg	MI MO-PC-077
Cinerin II	0.01	mg/kg	MI MO-PC-077	Jasmolin I	0.01	mg/kg	MI MO-PC-077	Jasmolin II	0.01	mg/kg	MI MO-PC-077
Pyrethrin I	0.01	mg/kg	MI MO-PC-077	Pyrethrin II	0.01	mg/kg	MI MO-PC-077	Pyridaben	0.01	mg/kg	MI MO-PC-077
Pyridalyl	0.01	mg/kg	MI MO-PC-077	Pyridate@	0.01	mg/kg	MI MO-PC-077	Pyridate-metabolite (expr. as pyridate)@	0.01	mg/kg	MI MO-PC-077
Pyrimethanil	0.01	mg/kg	MI MO-PC-077	Pyriofenone	0.01	mg/kg	MI MO-PC-077	Pyriproxyfen	0.01	mg/kg	MI MO-PC-077
Pyroxsulam	0.01	mg/kg	MI MO-PC-077	Quinclorac	0.01	mg/kg	MI MO-PC-077	Quinmerac@	0.01	mg/kg	MI MO-PC-077
Quinoclamine	0.01	mg/kg	MI MO-PC-077	Quinoxifen	0.01	mg/kg	MI MO-PC-077	Quintozene	0.005	mg/kg	MI MO-PC-077
Quintozene metabolite (pentachloroaniline expr. as quintozene)	0.005	mg/kg	MI MO-PC-077	Quizalofop (incl. quizalofop-P)@	0.01	mg/kg	MI MO-PC-077	Quizalofop-ethyl (incl. quizalofop-P-ethyl)	0.01	mg/kg	MI MO-PC-077
Rimsulfuron	0.01	mg/kg	MI MO-PC-077	Rotenone	0.01	mg/kg	MI MO-PC-077	Sedaxane	0.01	mg/kg	MI MO-PC-077
Silthiofame	0.01	mg/kg	MI MO-PC-077	Sintofen	0.01	mg/kg	MI MO-PC-077	Spinetoram (sum -J and -L)	0.01	mg/kg	MI MO-PC-077
Spinosad (spynosyn A & D)	0.01	mg/kg	MI MO-PC-077	Spirodiclofen	0.01	mg/kg	MI MO-PC-077	Spiromesifen	0.01	mg/kg	MI MO-PC-077
Spirotetramat	0.01	mg/kg	MI MO-PC-077	Spirotetramat-metabolite (BYI08330-enol expr. as spirotetramat)	0.01	mg/kg	MI MO-PC-077	Spirotetramat-BYI08330-ketoh ydroxy (expr. as spirotetramat)	0.01	mg/kg	MI MO-PC-077
Spirotetramat-BYI08330-mono hydroxy (expr. as spirotetramat)	0.01	mg/kg	MI MO-PC-077	Spirotetramat-BYI08330-enol-g lucoside (expr. as spirotetramat)	0.01	mg/kg	MI MO-PC-077	Spiroxamine	0.01	mg/kg	MI MO-PC-077
Sulcotrione	0.01	mg/kg	MI MO-PC-077	Sulfosulfuron	0.01	mg/kg	MI MO-PC-077	Sulfoxaflor (sum of isomers)	0.01	mg/kg	MI MO-PC-077
Tebuconazole	0.01	mg/kg	MI MO-PC-077	Tebufozide	0.01	mg/kg	MI MO-PC-077	Tebufenpyrad	0.01	mg/kg	MI MO-PC-077
Teflubenzuron	0.01	mg/kg	MI MO-PC-077	Tefluthrin	0.01	mg/kg	MI MO-PC-077	Tembotrione	0.01	mg/kg	MI MO-PC-077
Tembotrione-metabolite (Tembotrione-4,6-dihydroxy AE 1417268 expr. as tembotrione)	0.01	mg/kg	MI MO-PC-077	Tepraloxym@	0.02	mg/kg	MI MO-PC-077	Terbuthylazine	0.01	mg/kg	MI MO-PC-077
Terbuthylazine-desethyl expr. as terbuthylazine	0.01	mg/kg	MI MO-PC-077	Tetraconazole	0.01	mg/kg	MI MO-PC-077	Tetradifon	0.01	mg/kg	MI MO-PC-077
Thiabendazole	0.01	mg/kg	MI MO-PC-077	Thiacloprid	0.01	mg/kg	MI MO-PC-077	Thiamethoxam	0.01	mg/kg	MI MO-PC-077
Thiencarbazone-methyl	0.01	mg/kg	MI MO-PC-077	Thifensulfuron-methyl	0.01	mg/kg	MI MO-PC-077	Thiodicarb	0.01	mg/kg	MI MO-PC-077

Laboratoire habilité par l'INAO.

Pesticides (Pesticides)

Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>	Paramètre <i>Compound</i>	LQ <i>LQ</i>	Unité <i>Unit</i>	Méthode <i>Method</i>
Thiophanate-methyl	0.01	mg/kg	MI MO-PC-077	Tolclofos-methyl	0.01	mg/kg	MI MO-PC-077	Tolfenpyrad	0.01	mg/kg	MI MO-PC-077
Tolyfluand	0.01	mg/kg	MI MO-PC-077	Tolyfluand metabolite (DMST expr. as tolyfluand)	0.01	mg/kg	MI MO-PC-077	Transfluthrin	0.01	mg/kg	MI MO-PC-077
Triadimefon	0.01	mg/kg	MI MO-PC-077	Triadimenol (any ratio of constituent isomers)	0.01	mg/kg	MI MO-PC-077	Triallate	0.01	mg/kg	MI MO-PC-077
Triasulfuron	0.01	mg/kg	MI MO-PC-077	Triazamate	0.01	mg/kg	MI MO-PC-077	Triazophos	0.01	mg/kg	MI MO-PC-077
Tribenuron-methyl	0.01	mg/kg	MI MO-PC-077	Trichlorfon	0.01	mg/kg	MI MO-PC-077	Triclopyr	0.01	mg/kg	MI MO-PC-077
Tricyclazole	0.01	mg/kg	MI MO-PC-077	Trifloxystrobin	0.01	mg/kg	MI MO-PC-077	Triflumizole	0.01	mg/kg	MI MO-PC-077
Triflumizole-metabolite (Triflumizole-amino (FM6-1) expr. as triflumizole)	0.01	mg/kg	MI MO-PC-077	Triflumuron	0.01	mg/kg	MI MO-PC-077	Trifluralin	0.01	mg/kg	MI MO-PC-077
Triflusaluron-methyl	0.01	mg/kg	MI MO-PC-077	Triflusaluron (IN-M7222)	0.01	mg/kg	MI MO-PC-077	Trinexapac (-acid +salts, expr. as trinexapac)	0.01	mg/kg	MI MO-PC-077
Trinexapac-ethyl	0.01	mg/kg	MI MO-PC-077	Triticonazole	0.01	mg/kg	MI MO-PC-077	Tritosulfuron	0.01	mg/kg	MI MO-PC-077
AMTT (resulting from the use of tritosulfuron)	0.01	mg/kg	MI MO-PC-077	Valifenalate	0.01	mg/kg	MI MO-PC-077	Vinclozolin	0.01	mg/kg	MI MO-PC-077
Warfarin (Coumaphene)	0.01	mg/kg	MI MO-PC-077	Zoxamide (sum of constituent isomers)	0.01	mg/kg	MI MO-PC-077				

Notes explicatives : *Explanatory notes*

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

ST : Analyse sous-traitée *ST : subcontracted analysis*

@ : 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 :
Christelle BERNARD

Results validated by

Responsable du Laboratoire
Sécurité des aliments
Annie BRISARD

Laboratory manager

Cette validation est une signature électronique.
Electronic signature