

Rapport d'essai

Certificate of analysis

Identification rapport d'essai

Report identification

Numéro : 2021_6.4039.1

Number

Date de validation : 10/06/2021 17:30

Validation date

Date d'édition : 10/06/2021 18:37

Edition date

Demandeur : LE MONDE DE LA VANILLE - AUBRUN Bruno
Customer
018452(LAB)

LE MONDE DE LA VANILLE
AUBRUN Bruno

Payeur : AROM ESSENCE SARL ZA DU CLOS DES PERDRIX COTE DES
Payer
158227(AUT) CHATAIGNIERS
76700 GAINNEVILLE

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Echantillon : 2021_6.4039.1

Identification (1) : Extrait de vanille 300g/l - DDM : 07/2023
Identification

N° lot / Origine (1) : 25305
Batch n° / Origin

Date de réception : 04/06/2021
Received date

Quantité reçue : 300 g
Received quantity

Date de début d'analyse : 04/06/2021
Beginning of analysis

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

Prestation :

Analytical service

Plomb, Cadmium, Arsenic, Mercure

Pack export plus (PROTOCOLE_SAP1843 V6)

Aucun des paramètres recherchés n'a été détecté.

None of the required compound has been detected.

Paramètres recherchés et inférieurs à la limite de détection :

Required and not detected compounds :

Métaux lourds (Heavy metals)

Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method	Paramètre Compound	LQ LQ	Unité Unit	Méthode Method
Arsenic	0.50	mg/kg	MI MOPC52 AAS four	Plomb	0.10	mg/kg	MI MOPC05 AAS four	Mercure	0.01	mg/kg	MI MOPC51 AAS hydure
Cadmium	0.01	mg/kg	MI MOPC05 AAS four								

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
2,4-D (+salts)@	0.01	mg/kg	MI MOPC77	2,4-DB (+salts)@	0.01	mg/kg	MI MOPC77	2,4,5-T (+salts)@	0.01	mg/kg	MI MOPC77
Abamectin (avermectin B1a & B1b)@	0.01	mg/kg	MI MOPC77	Acephate	0.01	mg/kg	MI MOPC77	Acequinocyl	0.01	mg/kg	MI MOPC77
Acetamidrid	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 (-sulfoxide expr. as aldicarb)	0.005	mg/kg	MI MOPC77
Alloxydim-sodium	0.01	mg/kg	MI MOPC77	Ametoctradin	0.01	mg/kg	MI MOPC77	Ametryn	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
Azaconazole	0.01	mg/kg	MI MOPC77	Azadirachtin	0.01	mg/kg	MI MOPC77	Azimsulfuron	0.01	mg/kg	MI MOPC77
Azinphos-ethyl	0.01	mg/kg	MI MOPC77	Azinphos-methyl	0.01	mg/kg	MI MOPC77	Azoxystrobin	0.01	mg/kg	MI MOPC77
Beflbutamid	0.01	mg/kg	MI MOPC77	Benalaxyl (incl. benalaxyl-M - sum of isomers)	0.01	mg/kg	MI MOPC77	Bendiocarb	0.01	mg/kg	MI MOPC77
Benfluratin	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

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
Benthiavincarb-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
Bioresmethrin	0.01	mg/kg	MI MOPC77	Biphenyl	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	Boscalid	0.01	mg/kg	MI MOPC77
Bromacil	0.01	mg/kg	MI MOPC77	Bromophos(-methyl)	0.01	mg/kg	MI MOPC77	Bromophos-ethyl	0.01	mg/kg	MI MOPC77
Bromopropylate	0.01	mg/kg	MI MOPC77	Bromoxynil (+salts)	0.01	mg/kg	MI MOPC77	Bromuconazole	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 + tetrahydroptalimide 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	Carbophenothion	0.01	mg/kg	MI MOPC77	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	Chinomethionat	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
Chlorfluazuron	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
Chlormephos	0.01	mg/kg	MI MOPC77	Chlorobenzilate	0.01	mg/kg	MI MOPC77	Chlorothalonil	0.01	mg/kg	MI MOPC77
Chlorotoluron	0.01	mg/kg	MI MOPC77	Chloroxuron	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	Chlozolinate	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	Cyanazine	0.01	mg/kg	MI MOPC77
Cyantraniliprole	0.01	mg/kg	MI MOPC77	Cyazofamid	0.01	mg/kg	MI MOPC77	Cycloxydim@	0.01	mg/kg	MI MOPC77
Cycluron	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
Cyprosulfamide	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	Demeton-S-methyl	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
Desmethryn	0.01	mg/kg	MI MOPC77	Diafenthion	0.01	mg/kg	MI MOPC77	Diallate	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
Dichlofenthion	0.01	mg/kg	MI MOPC77	Dichlofluandil	0.01	mg/kg	MI MOPC77	Dichlormid	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
Diclobutrazol	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	Dicrotophos	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	Difenoconazole	0.01	mg/kg	MI MOPC77
Diflubenzuron	0.01	mg/kg	MI MOPC77	Diflufenican (diflufenicanil)	0.01	mg/kg	MI MOPC77	Dimefuron	0.01	mg/kg	MI MOPC77
Dimethachlor	0.01	mg/kg	MI MOPC77	Dimethenamid (incl.	0.01	mg/kg	MI MOPC77	dimethenamid-P)			

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>
Diméthoate	0.01	mg/kg	MI MOPC77	Diméthomorph	0.01	mg/kg	MI MOPC77	1,4-diméthylnaphtalène	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	Dinoseb (+salts)®	0.01	mg/kg	MI MOPC77	Dinotefuran	0.01	mg/kg	MI MOPC77
Diphenamid	0.01	mg/kg	MI MOPC77	Diphenylamine	0.01	mg/kg	MI MOPC77	Disulfoton	0.003	mg/kg	MI MOPC77
Disulfoton-metabolite (-sulfone expr. as disulfoton)	0.003	mg/kg	MI MOPC77	Disulfoton-metabolite (-sulfoxide expr. as disulfoton)	0.003	mg/kg	MI MOPC77	Ditalimfos	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	0.01	mg/kg	MI MOPC77	Emamectin B1b	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
Endrin ketone	0.005	mg/kg	MI MOPC77	EPN	0.01	mg/kg	MI MOPC77	Epoxiconazole	0.01	mg/kg	MI MOPC77
Ethametsulfuron	0.01	mg/kg	MI MOPC77	Ethiofencarb	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	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	Etrimphos	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	Fenchlorphos	0.005	mg/kg	MI MOPC77
Fenchlorphos-metabolite (-oxon expr. as fenchlorphos)	0.005	mg/kg	MI MOPC77	Fenhexamid	0.01	mg/kg	MI MOPC77	Fenitrothion	0.01	mg/kg	MI MOPC77
Fenoxaprop-P	0.01	mg/kg	MI MOPC77	Fenoxaprop-P-ethyl	0.01	mg/kg	MI MOPC77	Fenoxycarb	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	Fensulfothion	0.01	mg/kg	MI MOPC77
Fensulfothion-sulfone (expr. as fensulfothion)	0.01	mg/kg	MI MOPC77	Fensulfothion-oxon (expr. as fensulfothion)	0.01	mg/kg	MI MOPC77	Fensulfothion-oxon-sulfone (expr. as fensulfothion)	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	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	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
Flucythrinate	0.01	mg/kg	MI MOPC77	Fludioxonil	0.01	mg/kg	MI MOPC77	Flufenoxuron	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	Flupyr-sulfuron-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	Flutolanil	0.01	mg/kg	MI MOPC77
Flutriafol	0.01	mg/kg	MI MOPC77	Fluvalinate-tau	0.01	mg/kg	MI MOPC77	Fluxapyroxad	0.01	mg/kg	MI MOPC77
Folpet + phtalimide expr. as folpet	0.03	mg/kg	MI MOPC77	Fomesafen	0.01	mg/kg	MI MOPC77	Fonofos	0.01	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
Formothion	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	Halosulfuron-methyl	0.01	mg/kg	MI MOPC77
Haloxypop (+salts)®	0.003	mg/kg	MI MOPC77	Haloxypop-methyl (expr. as haloxypop)®	0.003	mg/kg	MI MOPC77	Haloxypop-2-ethoxyethyl (expr. as haloxypop)®	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-epoxyde-cis (expr. as heptachlor)	0.01	mg/kg	MI MOPC77
Heptachlor-epoxyde-trans (expr. as heptachlor)	0.01	mg/kg	MI MOPC77	Heptenophos	0.01	mg/kg	MI MOPC77	Hexachlorobenzene (HCB)	0.01	mg/kg	MI MOPC77
Hexaconazole	0.01	mg/kg	MI MOPC77	Hexazinone	0.01	mg/kg	MI MOPC77	Hexythiazox	0.01	mg/kg	MI MOPC77
Imazalil	0.01	mg/kg	MI MOPC77	Imazamethabenz-methyl	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

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
Imidacloprid	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	Isocarbophos	0.01	mg/kg	MI MOPC77	Isofenphos (-ethyl)	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	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 (malaaxon expr. as malathion)	0.01	mg/kg	MI MOPC77	Mandipropamid	0.01	mg/kg	MI MOPC77
MCPA (+salts)®	0.01	mg/kg	MI MOPC77	MCPB (+salts) expr. as MCPA®	0.01	mg/kg	MI MOPC77	Mecarbam	0.01	mg/kg	MI MOPC77
Mecoprop (incl. Mecoprop-p)	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	Mepronil	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	Methabenzthiazuron	0.01	mg/kg	MI MOPC77	Methacrifos	0.01	mg/kg	MI MOPC77
Methamidophos	0.01	mg/kg	MI MOPC77	Methidathion	0.01	mg/kg	MI MOPC77	Methiocarb (Mercaptodimethur)	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
Methoxychlor	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
Metoxuron	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	Mevinphos	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	Monolinuron	0.01	mg/kg	MI MOPC77
Myclobutanil (sum of isomers)	0.01	mg/kg	MI MOPC77	Naled	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	Neburon	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
Norflurazon	0.01	mg/kg	MI MOPC77	Nuarimol	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
Oxadiazyl	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	0.02	mg/kg	MI MOPC77
Paraoxon-ethyl	0.01	mg/kg	MI MOPC77	Parathion-methyl	0.01	mg/kg	MI MOPC77	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	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
Penthiopyrad	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	Phenthoate	0.01	mg/kg	MI MOPC77	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
Phosphamidon	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(-ethyl)	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 44595/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	Profluralin	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
Propanil	0.01	mg/kg	MI MOPC77	Propaquizafop®	0.01	mg/kg	MI MOPC77	Propargite	0.01	mg/kg	MI MOPC77

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
Propham	0.01	mg/kg	MI MOPC77	Propiconazole	0.01	mg/kg	MI MOPC77	Propoxur	0.01	mg/kg	MI MOPC77
Propoxycarbazone (+salts)	0.01	mg/kg	MI MOPC77	Propoxycarbazone métabolite (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	Prothiofos	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
Pyrazophos	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
Pyridaphenthion	0.01	mg/kg	MI MOPC77	Pyridate@	0.01	mg/kg	MI MOPC77	Pyridate-métabolite (expr. as pyridate)@	0.01	mg/kg	MI MOPC77
Pyrifénox	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	Pyroxusulam	0.01	mg/kg	MI MOPC77	Quinalphos	0.01	mg/kg	MI MOPC77
Quinmerac	0.01	mg/kg	MI MOPC77	Quinoclamine	0.01	mg/kg	MI MOPC77	Quinoxifen	0.01	mg/kg	MI MOPC77
Quintozene	0.005	mg/kg	MI MOPC77	Quintozene métabolite (pentachloroaniline expr. as quintozene)	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	Simazine	0.01	mg/kg	MI MOPC77
Spinetoram	0.01	mg/kg	MI MOPC77	Spinosad (spynsyn 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-métabolite (BYI08330-enol expr. as spiroetramat)	0.01	mg/kg	MI MOPC77
Spirotetramat-métabolite (BYI08330-ketohydroxy expr. as spiroetramat)	0.01	mg/kg	MI MOPC77	Spirotetramat-métabolite (BYI08330-monohydroxy expr. as spiroetramat)	0.01	mg/kg	MI MOPC77	Spirotetramat-métabolite (BYI08330 enol-glucoside expr. as spiroetramat)	0.01	mg/kg	MI MOPC77
Spiroxamine	0.01	mg/kg	MI MOPC77	Sulcotrione	0.01	mg/kg	MI MOPC77	Sulfosulfuron	0.01	mg/kg	MI MOPC77
Sulfotep	0.01	mg/kg	MI MOPC77	Sulfoxaflor (sum of isomers)	0.01	mg/kg	MI MOPC77	Sulprofos	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
Tecnazene	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	Tepraloxym@	0.02	mg/kg	MI MOPC77	Terbacil	0.01	mg/kg	MI MOPC77
Terbufos	0.01	mg/kg	MI MOPC77	Terbufos-sulfoxide (expr. as terbufos)	0.01	mg/kg	MI MOPC77	Terbufos-sulfone (expr. as terbufos)	0.01	mg/kg	MI MOPC77
Terbutylazine	0.01	mg/kg	MI MOPC77	Terbutryn	0.01	mg/kg	MI MOPC77	Tetraconazole	0.01	mg/kg	MI MOPC77
Tetradifon	0.01	mg/kg	MI MOPC77	Tetramethrin	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	Thiocyclam	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	Tolyfluamid	0.01	mg/kg	MI MOPC77
Tolyfluamid métabolite (DMST expr. as tolyfluamid)	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	Trichloronat	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
Triflumuron	0.01	mg/kg	MI MOPC77	Trifloxysulfuron	0.01	mg/kg	MI MOPC77	Trifluralin	0.01	mg/kg	MI MOPC77
Triflusaluron-methyl@	0.01	mg/kg	MI MOPC77	Triforine	0.01	mg/kg	MI MOPC77	Trinexapac-acid	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
Valifenalate	0.01	mg/kg	MI MOPC77	Vamidothion	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 ($L_d = LQ/3$)

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 $L_d = LQ/3$

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.

Identification rapport d'essai	
<i>Report identification</i>	
Numéro : <i>Number</i>	2021_6.4039.1
Date de validation : <i>Validation date</i>	10/06/2021 17:30
Date d'édition : <i>Edition date</i>	10/06/2021 18:37

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