


TÜV AUSTRIA ROMANIA S.R.L. Calea Plevnei Nr. 139B, Corp A, Etaj 1 060011, Sector 6, Bucuresti, Romania	LABORATOR INCERCARI FIZICO-CHIMICE Centura de Est nr. 277B, Ploiesti, jud. Prahova	 TÜV AUSTRIA ROMANIA
Exemplar nr. / Copy no.:		Page : 1/8

RAPORT DE INCERCARE
Nr. 1761LIFC05102022 Data:05.10.2022



General data / Date Generale

Client:/Beneficiar: SC AR LINIA TEA SRL Client address / Adresa client: Arad, C-lea Zimandului, nr. 1, jud. Arad	Sample code:/Cod proba: 1761LIFC	Sample details: / Detalii proba: Mere Polonia, Proba 2, Soiul Idared, Lot PL-02, Minim 100g/buc, 250 tone, Producator Dominik Strulak, Furnizor Agro Queens, nr sigiliu 00760, PV 02/26.09.2022
Request no.:/ Nr.Comanda: 204	Sample specification: Specificatie proba: Fructe	Sample recognized as: Proba recunoscuta ca: Fructe
Sample delivery:/Livrarea probei: AWB 8271230040002 Fan Courier	Sample packing:/Ambalaj proba: Punga	Sample size:/Marime proba: 2 kg
Sample registration date:/ Data inregistrarii probei: 29.09.2022 Analysis date: / Data analiza: 29.09 - 04.10.2022 Raport date:/Data raportarii: 05.10.2022		

Analysis details / Detalii analiza

Equipment:/Echipament::	GC-MSMS	ICP-MS	LC-MSMS
S/N:	TSQ16140510	SO.ICAPRQ00211	TQH-E1-0444
Sampling report/Raport prelevare:	Proba prelevata de client		
Comments:/Comentarii:	Se pot determina pesticide cu limita maxima admisa sub valoare de 0.01 mg/Kg, in mod neacreditat		
Remarks:/Observatii:	Indicatorul marcat "*" nu este acoperit de acreditarea RENAR		
	Indicatorul marcat "***" este realizat la furnizori externi		
	Laboratorul nu isi asuma responsabilitatea pentru integritatea probelor prelevate si esantionate de catre client. Rezultatele din acest raport se refera doar la probele analizate.		

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Measurement data/
Valori masurate:

Sample/Cod Proba	1761LIFC Mere Polonia, Proba 2, Soiul Idared, Lot PL-02, Minim 100g/buc, 250 tone, Producator Dominik Strulak, Furnizor Agro Queens, nr sigiliu 00760, PV 02/26.09.2022			
Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Max.residue level/ Limita maxim admisa Regulament CE nr.1881/2006 Reg. (EU) 2022/1435 Reg. (EU) 2018/1514 and amendments/ si amendamentele (mg/Kg)	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
N/A	mg/Kg	Sub limita de determinare a metodei	-	GC-MSMS SR EN 15662:2018 SANTE/12682/2019 PO-101, Ed.1, Rev.5
Tebuconazole	mg/Kg	0.03	0.3	LC-MSMS SR EN 15662:2018 SANTE/12682/2019 PO-101, Ed.1, Rev.5
Cyprodinil	mg/Kg	0.14	2	LC-MSMS SR EN 15662:2018 SANTE/12682/2019 PO-101, Ed.1, Rev.5
Cadmium	mg/Kg	<0.02	0.05	SR EN 15763:2010 PO-109 ed.1, rev.2
Plumb	mg/Kg	<0.02	0.1	SR EN 15763:2010 PO-109 ed.1, rev.2

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Tabel limite de determinare a reziduurilor de pesticide prin tehnicile LC-MSMS si GC-MSMS

Analiza reziduuri pesticide prin LC/MSMS	Limita de determinare (mg/Kg)	Analiza reziduuri pesticide prin GC/MSMS	Limita de determinare (mg/Kg)
3-Hydroxycarbofuran	0.010	2,4'-DDE	0.010
2,4-Dicofol	0.010	2,4'-Methoxychlor	0.010
Acephate	0.010	2,6-dichlorobenzonitrile	0.010
Acetamiprid	0.010	2-Phenylphenol	0.010
Acibenzolar-S-Methyl	0.010	3,4-Dichloroaniline	0.010
Aldicarb	0.010	4,4'-DDD	0.010
Aldicarb sulfone	0.010	4,4'-DDE	0.010
Aldicarb sulfoxide	0.010	4,4'-DDT	0.010
Ametryn	0.010	4,4-dichlorobenzophenone	0.010
Aminocarb	0.010	4,4'-Methoxychlor	0.010
Amitraz	0.010	Acetochlor	0.010
Avermectin B1a1	0.010	Acrinathrin	0.010
Azoxystrobin	0.010	Alachlor	0.010
Benalaxyl	0.010	Aldrin	0.010
Bendiocarb	0.010	Alidochlor	0.010
Benzoximate	0.010	Anthraquinone	0.010
Bifenazate	0.010	Atrazine	0.010
Bioallethrin	0.010	Azinphos-ethyl	0.010
Bitertanol	0.010	Azinphos-methyl	0.010
Boscalid	0.010	Benfluralin	0.010
Bromucanozole 1	0.010	Bifenthrin	0.010
Bromucanozole 2	0.010	Bioallethrin	0.010
Buprofezin	0.010	Biphenyl	0.010
Bupurimate	0.010	Bromfenvinphos	0.010
Butafenacil	0.010	Bromfenvinphos-methyl	0.010
Butoxycarboxim	0.010	Bromofos-Methyl	0.010
Carbaryl	0.010	Bromophos-ethyl	0.010
Carbendazim	0.010	Bromopropylate	0.010
Carbetamide	0.010	Bupirimate	0.010
Carbofuran	0.010	Captafol	0.010
Carboxin	0.010	Captan	0.010
Carfentrazone-ethyl	0.010	Carbophenothion	0.010
Chlorantraniliprole	0.010	Carfentrazone ethyl	0.010
Chlorfluazuron	0.010	Chlorbenside	0.010
Chlorotoluron	0.010	Chlorfenapyr	0.010

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Analiza reziduuri pesticide prin LC/MSMS	Limita de determinare (mg/Kg)	Analiza reziduuri pesticide prin GC/MSMS	Limita de determinare (mg/Kg)
Chloroxuron	0.010	Chloroaloniil	0.010
Clethodim Isomer	0.010	Chlorobenzilate	0.010
Clofentezine	0.010	Chloroneb	0.010
Clormequat	0.010	Chloropyriphos-methyl	0.010
Clothianidin	0.010	Chlorpropham	0.010
Cyazofamid	0.010	Chlorpyrifos	0.010
Cycluron	0.010	Chlorthiophos	0.010
Cymoxanil	0.010	Chlorthiophos III	0.010
Cyproconazole 1	0.010	Chlozolate	0.010
Cyproconazole 2	0.010	cis-Chlordan	0.010
Cyprodinil	0.010	Cis-Diallate	0.010
Desmedipham	0.010	cis-Nonachlor	0.010
Diclobutrazol	0.010	cis-Permethrin	0.010
Dicrotophos	0.010	Clofenvinfos	0.010
Diethofencarb	0.010	Clomazone	0.010
Difenoconazole	0.010	Coumaphos	0.010
Diflubenzuron	0.010	Cycloate	0.010
Dimethoate	0.010	Cyfluthrin	0.010
Dimethomorph 1	0.010	Cypermethrin	0.010
Dimethomorph 2	0.010	Cyprodinil	0.010
Dimoxystrobin	0.010	DCEPA	0.010
Diniconazole	0.010	delta-BHC	0.010
Dinotefuran	0.010	Deltamethrin	0.010
Dioxacarb	0.010	Diazinone	0.010
Diuron	0.010	Dichloran	0.010
Emamectin Benzoate b1a	0.010	Dieldrin	0.010
Epinomectrin	0.010	Dimethachlor	0.010
Epoxiconazole	0.010	Diphenamid	0.010
Etaconazole	0.010	Diphenylamine	0.010
Ethiofencarb	0.010	Disulfoton	0.010
Ethiprole	0.010	Edifenphos	0.010
Ethirimol	0.010	Endosulfan ether	0.010
Ethofumesate	0.010	Endosulfan I	0.010
Ettoxazole	0.010	Endosulfan II	0.010
Fenamidone	0.010	Endosulfan sulfat	0.010
Fenarimol	0.010	Endrin	0.010

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Fenazaquin	0.010	Endrin aldehide	0.010
Fenbuconazole	0.010	Endrin ketone	0.010
Fenhexamid	0.010	EPN	0.010
Fenobucarb	0.010	Ethalfuralin	0.010
Fenoxycarb	0.010	Ethion	0.010
Fenpropimorph	0.010	Ethylan (Perthane)	0.010
Fenpyroximate	0.010	Etofenprox	0.010
Fenuron	0.010	Etridiazole	0.010
Fipronil	0.010	Fenamiphos	0.010
Fluazinam	0.010	Fenarimol	0.010
Flubendiamide	0.010	Fenchlorphos (Ronnell)	0.010
Fludioxinil	0.010	Fenitrothion	0.010
Flufenacet	0.010	Fenpropathrin	0.010
Flufenoxuron	0.010	Fenson	0.010
Fluometuron	0.010	Fenthion	0.010
Fluoxastrobin	0.010	Fenvalerate izomer 1	0.010
Fluquinconazole	0.010	Fenvalerate izomer 2	0.010
Flusilazole	0.010	Fipronil	0.010
Flutolanil	0.010	Fluazifop-P-butyl	0.010
Flutrifol 1	0.010	Fluchloralin	0.010
Flutrifol 2	0.010	Flucythrinate izomer 1	0.010
Forchlorfenuron	0.010	Flucythrinate izomer 2	0.010
Formetanate HCL	0.010	Fluquinconazole	0.010
Fuberidazole	0.010	Flusilazole	0.010
Furalaxy	0.010	Flutolanil	0.010
Furathiocarb	0.010	Flutriafol	0.010
Glyphosate	0.010	Folpet	0.010
Hexaconazole	0.010	Fonofos	0.010
Hexaflumuron	0.010	Heptachlor	0.010
Hexythiazox	0.010	Heptachlor epoxide	0.010
Hydramethylnon	0.010	Hexachlorobenzene	0.010
Imazalil	0.010	Hexazinone (Velpar)	0.010
Imidacloprid	0.010	Iodofenphos	0.010
Indoxacarb	0.010	Iprodione	0.010
Ipconazole	0.010	Isazophos	0.010
Iprovalicarb	0.010	Isodrin	0.010

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Isocarbophos	0.010	Isopropalin	0.010
Isoprocarb	0.010	lambda.-Cyhalothrin	0.010
Isoproturon	0.010	Lenacil	0.010
Ivermectin	0.010	Leptophos	0.010
Kresoxim-methyl	0.010	Linuron	0.010
Linuron	0.010	Malathion	0.010
Mandipropamid	0.010	Metalaxyl	0.010
Mefenacet	0.010	Metazachlor	0.010
Mepanipyrim.1	0.010	Methacrifos	0.010
Mepiquat	0.010	Methoxychlor	0.010
Mepronil	0.010	Methyl parathion	0.010
Metaflumizone	0.010	Metolachlor	0.010
Metalaxyl	0.010	Mevinphos	0.010
Metconazole	0.010	MGK 264	0.010
Methabenzthiazuron	0.010	Mirex	0.010
Methamidophos	0.010	Myclobutanil	0.010
Methiocarb	0.010	N-(2,4-dimethylphenyl)-Formamide	0.010
Methomyl	0.010	Nitraline	0.010
Methoprotryne	0.010	Nitrofen	0.010
Methoxyfenozide	0.010	o,p'-DDD	0.010
Metobromuron	0.010	o,p'-DDT	0.010
Metribuzin	0.010	Ovex	0.010
Mevinphos 1	0.010	Oxadiazon	0.010
Mevinphos 2	0.010	Oxyfluorfen	0.010
Mexacarbate	0.010	Paclobutrazol	0.010
Monocrotophos	0.010	Parathion (Ethyl Parathion)	0.010
Monolinuron	0.010	Pebulate	0.010
Moxidectin	0.010	Penconazole (Topaz)	0.010
Myclobutanil	0.010	Pendimethalin	0.010
Neburon	0.010	Pentachloroaniline	0.010
Nitenpyram	0.010	Pentachloroanisole	0.010
Novaluron	0.010	Pentachlorobenzene	0.010
Nuarimol	0.010	Pentachlorobenzonitrile	0.010
Omethoate	0.010	Pentachloronitrobenzene	0.010
Oxadixyl	0.010	Pentachlorothioanisole	0.010
Oxamyl	0.010	Phenothrin (cis)	0.010

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Paclobutrazol	0.010	Phorate	0.010
Penconazole	0.010	Phosalone	0.010
Phenmedipham	0.010	Phosmet	0.010
Picoxystrobin	0.010	Phosmet	0.010
Piperonyl Butoxide	0.010	Piperonyl butoxide	0.010
Pirimicarb	0.010	Pirimiphos ethyl	0.010
Prochloraz	0.010	Pirimiphos methyl	0.010
Promecarb	0.010	Pretilachlor	0.010
Prometon	0.010	Prochloraz	0.010
Prometryne	0.010	Procymidone	0.010
Propamocarb	0.010	Prodiamine	0.010
Propanil	0.010	Profenofos	0.010
Propargite	0.010	Profluralin	0.010
Propiconazole	0.010	Propachlor	0.010
Propoxur	0.010	Propanil	0.010
Prothioconazole	0.010	Propargite	0.010
Pymetrozine	0.010	Propisochlor	0.010
Pyracarbolid	0.010	Propyzamide	0.010
Pyraclostrobin	0.010	Prothiofos	0.010
Pyridaben	0.010	Pyraclofos	0.010
Pyrimethanil	0.010	Pyrazophos	0.010
Pyriproxyfen	0.010	Pyridaben	0.010
Quinalphos	0.010	Pyridaphenthion	0.010
Quinoxifen	0.010	Pyrimethanil	0.010
Rotetone	0.010	Pyriproxyfen	0.010
Secbumeton	0.010	Quinalphos	0.010
Siduron	0.010	Resmethrin Izomer 1&2	0.010
Simetryn	0.010	Sulfotep	0.010
Spinetoram	0.010	Sulprofos	0.010
Spinosad	0.010	Tebuconazole	0.010
Spiroclifen	0.010	Tebufenpyrad	0.010
Spiromesifen	0.010	Tecnazen	0.010
Spirotetramat	0.010	Tefluthrin	0.010
Spiroxamine Isomer	0.010	Terbacil	0.010
Sulfentrazone	0.010	Terbufos	0.010
Tebuconazole	0.010	Terbutylazine	0.010

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Tebufenozide	0.010	Tetrachlorvinphos	0.010
Tebufenpyrad	0.010	Tetradiphon	0.010
Tebuthiuron	0.010	Tetrahydrophthalimide (THPI)	0.010
Temephos	0.010	Tetramethrin	0.010
Terbumeton	0.010	Tolclofos-methyl	0.010
Terbutryn	0.010	Tolyfluanid	0.010
Tetraconazole	0.010	trans-Chlordan	0.010
Thiabendazole	0.010	Trans-Diallate	0.010
Thiacloprid	0.010	Transfluthrin	0.010
Thiamethoxam	0.010	trans-Nonachlor	0.010
Thidiazuron	0.010	trans-Permethrin	0.010
Thiobencarb	0.010	Triadimefon	0.010
Thiofanox	0.010	Triadimenol	0.010
Thiophanate methyl	0.010	Triallate	0.010
Triadimefon	0.010	Triazophos	0.010
Triadimelol	0.010	Tricyclazole	0.010
Trichlorfon	0.010	Triflumizole	0.010
Tricyclazole	0.010	Trifluralin	0.010
Trifloxystrobin	0.010	Vinclozoline	0.010
Triflumizole	0.010	α-BHC	0.010
Triflumuron	0.010	β-BHC	0.010
Triticonazole	0.010	γ-BHC	0.010
Vanidothion	0.010		
Zoxamide	0.010		

Responsabil	Nume si prenume	Data:	Semnatura
Operator LIFC	Roxana Grigore	05.10.2022	
Sef laborator	Andrei Niculae	05.10.2022	