eurofins

Client: **Greenyard Frozen UK LTD - Boston**
Riverside Industrial Estate
Marsh Lane
Boston
Lincolnshire
PE21 7RY
UNITED KINGDOM

Certificate Code: **AR-24-UA-209171-01**
Page Number: **Page 1 of 3**
Reported On: **31/07/2024**
PO reference: **BOS 4207 KF**
Reported By: **Michal Lakomy**
Analytical Services Manager - Chemistry

Certificate of Analysis

Sample number	979-2024-00210058	Received on	26/07/2024
		Analysis started on	31/07/2024

Customer Supplied Information

Your sample code	23-VRN-199		
Your sample reference	Garden Peas		
Additional Information	Field: 066HRL Farm: Ben Smith	Line	M4
Pallet Code	509728684	Date	2024-07-23
Time Sample Taken	21:00	Item Number	22139
Site	Boston	AL Number	2024AL2000
Variety	Realm	Grower	HMC

Analyte	Method Ref.	LOQ	MRL mg/kg	Recovery [%]

No residues detected (Multi-Residue Pesticide Screen)

Test Code	Analyte	Units	Method Ref.

Analysis performed:

UDP0R: Pesticide Multi-residue screen (GC/FLEXI)
UDP0U: Pesticide Multi-residue screen (GC/non-accredit)
UDP0V: Pesticide Multi-residue screen (LC/accredit)
UDP0W: Pesticide Multi-residue screen (LC/non-accredit)
UDP0Y: Pesticide Multi-residue screen (LC/FLEX) 2023-01
UDP0Z: Pesticide Multi-residue screen (GC/accred) 2023-01

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List of screened molecules and not detected

Pesticide Multi-residue screen (GC/FLEXI) - UDP0R - (PRES/069/021)

Benfluralin (0.01)	Chlordecon (0.01) †	Chlorothalonil (0.01) †	Cinidon-ethyl (0.01)	DDD, o,p- (0.01)	Fenthion (0.01)
Heptachlor cis (0.01)	Heptachlor epoxide, cis- (0.01)	Methacrifos (0.01)	Methoxychlor (0.01)	Paclobutrazol (0.01)	Spiromesifen (0.01)
Terbufos (0.01)	Triallate (0.01)				

Pesticide Multi-residue screen (GC/non-accredit) - UDP0U - (PRES/069/021)

1,2,3,6-Tetrahydrophthalimide (0.01)	4,4-Dichlorobenzophenone as Dicofol (0.01)	Dinobuton (0.01) †	Etridiazole (0.01) †	Flumioxazin (0.01)	Mirex (0.01)
Phthalimide (0.01)	Pyridalyl (0.01)	Spiroxamine (0.01)	Tepraloxydim (0.01)		

Pesticide Multi-residue screen (LC/accredit) - UDP0V - (PRES/069/068)

3-Hydroxycarbofuran (0.01)	Acephate (0.01)	Acetamiprid (0.01)	Aldicarb (0.01) #	Aldicarb-sulfone (0.01)	Aldicarb-sulfoxide (0.01)
Aminocarb (0.01)	Anilazine (0.01) †	Atraton (0.01)	Atrazine (0.01)	Azinphos-methyl (0.01) †	Azoxystrobin (0.01)
Benalaxyl including other mixtures of constituent (0.01)	Bendiocarb (0.01)	Bromuconazole (0.01)	Bupirimate (0.01)	Buprofezin (0.01)	Butachlor (0.01)
Butocarboxim (0.01)	Cadusafos (0.01)	Carbendazim (0.01)	Carbofuran (0.01)	Carfentrazone-ethyl (0.01)	Chlorantraniliprole (0.01)
Chlorotoluron (0.01)	Clodinafop-propargyl (0.01) †	Clomazone (0.01)	Cloquintocet-mexyl (0.01)	Clothianidin (0.01) †	Coumaphos (0.01)
Crufomate (0.01)	Cyanazine (0.01)	Cyazofamid (0.01)	Cymoxanil (0.01)	Demeton-S-methyl-sulfone (0.01) †	Desmetryn (0.01)
Diclobutrazol (0.01)	Dicrotophos (0.01)	Diflubenzuron (0.01)	Dimethenamid including other mixtures of constitue (0.01)	Dimethoate (0.01)	Dimethomorph (sum of isomers) (0.01) †
Dimoxystrobin (0.01)	Dioxathion (0.01)	Diphenamid (0.01)	Disulfoton-sulfon (0.01)	Disulfoton-sulfoxide (0.01)	Ditalimfos (0.01)
Diuron (0.01)	Edifenphos (0.01)	Epoxiconazole (0.01)	Ethiofencarb-sulfone (0.01)	Ethiofencarb-sulfoxide (0.01)	Ethirimol (0.01)
Ethofumesate (0.01)	Ethoprophos (0.01)	Etoxazole (0.01)	Famphur (0.01)	Fenamidone (0.01)	Fenamiphos (0.01)
Fenamiphos-sulfone (0.01)	Fenamiphos-sulfoxide (0.01)	Fenarimol (0.01)	Fenbuconazole (sum of constituent enantiomers) (0.01)	Fenchlorphos oxon (0.01)	Fenpiclonil (0.01)
Fenpropimorph (0.01)	Fenpyroximate (0.01)	Fensulfothion (0.01)	Fenthion-sulfone (0.01)	Fenthion-sulfoxide (0.01)	Fluazifop-butyl (0.01)
Flubendiamide (0.01)	Flufenacet (0.01)	Flufenoxuron (0.01)	Fluopicolide (0.01)	Fluoxastrobin (0.01)	Flurtamone (0.01)
Flusilazole (0.01)	Flutolanil (0.01)	Flutriafol (0.01)	Fosthiazate (0.01)	Haloxyfop-methyl (0.01) †	Heptenophos (0.01)
Hexaflumuron (0.01)	Imidacloprid (0.01)	Iprovalicarb (0.01)	Isazofos (0.01)	Isocarbofos (0.01)	Isofenphos-methyl (0.01)
Isomethiozin (0.01)	Isoprocarb (0.01)	Isoproturon (0.01)	Isoxaben (0.01)	Linuron (0.01)	Malaoxon (0.01)
Malathion (0.01)	Mandipropamid (any ratio of constituent isomers) (0.01)	Mepanipyrim (0.01)	Mephosfolan (0.01)	Metaflumizone (sum of E- and Z-isomers) (0.01) †	Metalaxyl and metalaxyl-M (metalaxyl including oth (0.01)
Metamitron (0.01)	Metconazole (sum of isomers) (0.01)	Methamidophos (0.01)	Methiocarb (0.01)	Methiocarb-sulfone (0.01)	Methiocarb-sulfoxide (0.01)
Methomyl (0.01)	Methoxyfenozide (0.01)	Metolachlor and S-metolachlor (metolachlor includi (0.01)	Metolcarb (0.01)	Metoxuron (0.01)	Molinate (0.01)
Monocrotophos (0.01)	Monuron (0.01)	Napropamide (0.01)	Nitenpyram (0.01)	Norflurazon (0.01)	Omethoate (0.01)
Oxamyl (0.01)	Oxydemeton-methyl (0.01)	Pencycuron (0.01)	Pethoxamid (0.01)	Phenmedipham (0.01)	Phorate-sulfone (0.01)
Phorate-sulfoxide (0.01)	Phosfolan (0.01)	Phoxim (0.01)	Picoxystrobin (0.01)	Pirimicarb (0.01)	Pirimicarb, desmethyl- (0.01)
Pirimiphos-methyl (0.01)	Pretilachlor (0.01)	Promecarb (0.01)	Prometryn (0.01)	Propamocarb (Sum of propamocarb and its salts, exp (0.01) †	Propanil (0.01)
Propaquizafop (0.01)	Propazine (0.01)	Proquinazid (0.01)	Prothioconazole-desthio (0.01)	Pymetrozine (0.01)	Pyraclostrobin (0.01)
Pyraflufen-ethyl (0.01)	Pyriproxyfen (0.01)	Quassia (0.01)	Quizalofop ethyl (0.01)	Rotenone (0.01)	Simazine (0.01)
Spinetoram (sum) (0.01) †	Spinosad (sum) (0.01) †	Spirotetramat (0.01)	Sulfentrazone (0.01) †	Sulfotep (0.01) †	Tebufenozide (0.01)
Teflubenzuron (0.01)	Temephos (0.01)	Terbufos-sulfone (0.01)	Terbufos-sulfoxide (0.01)	Terbuthylazine (0.01)	Terbutryn (0.01)
Thiacloprid (0.01)	Thiamethoxam (0.01)	Thiodicarb (0.01)	Triadimefon (0.01)	Triadimenol (any ratio of constituent isomers) (0.01)	Triazophos (0.01)
Trichlorfon (0.01)	Tricyclazole (0.01)	Trietazine (0.01)	Trifloxystrobin (0.01)	Triflumizole (0.01)	Triflumuron (0.01) †
Triticonazole (0.01) †	Uniconazole (0.01)	Vamidothion (0.01)	Zoxamide (0.01)		

Pesticide Multi-residue screen (LC/non-accredit) - UDP0W - (PRES/069/068)

Abamectin (Sum) (0.01) †	Cyromazine (0.01) †	Furmecyclox (0.01)	Ioxynil (sum of ioxynil and its salts, expressed a (0.01) †	N-(2,4-Dimethylphenyl)formamide as Amitraz (0.01)

Pesticide Multi-residue screen (LC/FLEX) - UDP0Y - (PRES/069/068)

1-Naphthylacetamide (NAD) (0.01)	6-benzyladenine (benzoaminopurine) (0.01) #	Alanycarb (0.01)	Allethrin (0.01)	Ametoctradin (0.01)	Amisulbrom (0.01)
Anilofos (0.01)	Asulam (0.01)	Azinphos-ethyl (0.01)	Benfuracarb (0.01)	Bensulide (0.01)	Bentazone (0.01)
Benthiavalicarb (0.01)	Benzalkonium Chloride (0.10) †	Bixafen (0.01)	Bromoxynil (0.01)	Carbaryl (0.01)	Carbetamide (0.01)
Carboxin (0.01)	Carpropamid (0.01)	Chlorfluazuron (0.01)	Chloridazon (0.01)	Chlorimuron ethyl (0.01)	Chlorthiophos (0.01) †
Chromafenozide (0.01)	Climbazole (0.01)	Clofentazine (0.01)	Cyantraniliprole (0.01)	Cyhalofop-butyl (0.01) †	DDAC C10 - Didecyldimethylammoniumchloride (0.10) †
Demeton-S-methyl (0.01)	Desmedipham (0.01) †	Dialifos (0.01)	Diclofop-methyl (0.01)	Difenacoum (0.01)	Diflufenican (0.01)
Dinoseb (0.01)	Dinotefuran (0.01)	Dinoterb (0.01)	DMST Tolylfluanid met (0.01) †	DNOC (0.01)	Dodemorph (0.01)
Dodine (0.10) †	Emamectin (0.01) †	Esprocarb (0.01)	Ethiofencarb (0.01)	Ethiprole (0.01)	Famoxadone (0.01)
Fenhexamid (0.01)	Fensulfothion-oxon (0.01)	Fensulfothion-oxon-sulfone (0.01)	Fipronil-sulfone (0.01)	Flamprop-isopropyl (0.01)	Flonicamid (0.01)
Florasulam (0.01)	Fluazifop-P-butyl (0.01)	Fluazinam (0.01)	Flucycloxuron (0.01)	Fluometuron (0.01)	Fluopyram (0.01)
Fluquinconazole (0.01) †	Fluthiacet-methyl (0.01)	Fluxapyroxad (0.01)	Forchlorfenuron (0.01)	Formetanate HCl (0.01)	Halofenozide (0.01) †
Hexythiazox (any ratio of constituent isomers) (0.01)	Imazalil (any ratio of constituent isomers) (0.01)	Indoxacarb (sum, R+S isomers) (0.01)	Ipconazole (0.01)	Iprobenfos (0.01)	Isoxaflutole (0.01)
Isoxathion (0.01)	Lufenuron (0.01) †	Methabenzthiazuron (0.01)	Monolinuron (0.01)	Novaluron (0.01)	Noviflumuron (0.01)
Oxadiargyl (0.01) #	Paraoxon-methyl (0.01)	Picolinafen (0.01)	Propachlor (0.01)	Pyrethrins (0.01)	Pyributicarb (0.01)
Pyridate (0.01)	Quinoclamine (0.01)	Quizalofop-P-tefuryl (0.01)	Rimsulfuron (0.01)	Sulfoxaflor (0.01)	Tebupirimfos (0.01)
Thiabendazole (0.01)	Thidiazuron (0.01)	Thiocyclam (0.01)	Thiofanox (0.01)	Thiometon (0.01)	Tolfenpyrad (0.01)
Tolylfluanid (0.01) †	Triazoxide (0.01)	Tridemorph (0.01)	Triflusulfuron-methyl (0.01) #	Triforine (0.01) †	XMC (0.01)

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Reported On: 31/07/2024
PO reference: BOS 4207 KF
Reported By: Michal Lakomy
Analytical Services Manager - Chemistry

Pesticide Multi-residue screen (GC/accredit) - UDP0Z - (PRES/069/021)

2,4,6-Trichlorophenol (0.01)	2-Octyl-4-isothiazolin-3-on (OIT) (0.01) †	2-Phenylphenol (0.01)	3-Chloroaniline (0.01)	Acetochlor (0.01)	Acibenzolar-s-methyl (0.01) †
Aclonifen (0.01)	Acrinathrin (0.01)	Alachlor (0.01)	Aldrin (0.01)	Aldrin/ Dieldrin (Sum) (0.01)	Ametryn (0.01)
Atrazine-desethyl (0.01)	Azaconazole (0.01)	Bifenazate (0.01)	Bifenox (0.01)	Bifenthrin (0.01)	Biphenyl (0.01)
Bitertanol (0.01)	Boscalid (0.01)	Bromacil (0.01)	Bromophos-ethyl (0.01)	Bromophos-methyl (0.01)	Bromopropylate (0.01)
Butralin (0.01)	Carbophenothion (0.01)	Chinomethionate (0.01)	Chlordane (total) (0.01)	Chlordimeform (0.01)	Chlorfenapyr (0.01)
Chlorfenson (0.01)	Chlorfenvinphos (0.01)	Chlormephos (0.01)	Chlorobenzilate (0.01)	Chloropropylate (0.01)	Chlorpropham (0.01)
Chlorpyriphos (0.01)	Chlorpyriphos-methyl (0.01)	Chlorthal-dimethyl (0.01)	Chlorthion (0.01)	Chlozolinate (0.01)	Cyanofenphos (0.01)
Cyflufenamid (0.01)	Cyfluthrin (0.01)	Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-) (0.01)	Cypermethrin (sum of isomers) (0.01)	Cyproconazole (0.01)	Cyprodinil (0.01)
DDD, p,p'- (0.01)	DDE, o,p- (0.01)	DDE, p,p- (0.01)	DDT, o,p- (0.01)	DDT, p,p'- (0.01) †	Deltamethrin (0.01)
Diazinon (0.01)	Dichlobenil (0.01)	Dichlofenthion (0.01)	Dichlofluanid (0.01) †	Dichlorvos (0.01)	Dicloran (0.01)
Dieldrin (0.01)	Diethofencarb (0.01)	Difenoconazole (0.01)	Dimethylvinphos (0.01)	Diniconazole (0.01)	Dioxabenzofos (0.01)
Diphenylamine (0.01)	DMSA Dichlofluanid met (0.01)	Endosulfan sulphate (0.01)	Endosulfan, alpha- (0.01)	Endosulfan, beta- (0.01)	Endrin (0.01)
EPN (0.01)	EPTC (0.01)	Etaconazole (0.01)	Ethion (0.01)	Etofenprox (0.01)	Etrimfos (0.01)
Fenazaquin (0.01)	Fenchlorphos (0.01)	Fenitrothion (0.01)	Fenoxycarb (0.01)	Fenpropathrin (0.01)	Fenpropidin (0.01)
Fenson (0.01)	Fenvalerate (0.01)	Fipronil (0.01)	Flucythrinate (0.01)	Fludioxonil (0.01)	Flumetralin (0.01)
Flurochloridone (0.01)	Fluvalinate (sum of isomers) (0.01)	Fonofos (0.01)	Formothion (0.01)	Furalaxyl (0.01)	Furathiocarb (0.01)
HCH, alpha- (0.01)	HCH, beta- (0.01)	HCH, delta- (0.01)	Heptachlor epoxide, trans- (0.01)	Hexachlorobenzene (HCB) (0.01)	Hexaconazole (0.01)
Hexazinone (0.01)	Iodofenphos (0.01)	Iprodione (0.01)	Isobenzan (0.01)	Isodrin (0.01)	Isofenphos (0.01)
Isoprothiolane (0.01)	Kresoxim-methyl (0.01)	Lenacil (0.01)	Leptophos (0.01)	Lindane (gamma-HCH) (0.01)	MCPA-thioethyl (0.01)
Mecarbam (0.01)	Mepronil (0.01)	Metazachlor (0.01)	Methidathion (0.01)	Metrafenone (0.01)	Metribuzin (0.01)
Mevinphos (0.01)	Myclobutanil (sum of constituent isomers) (0.01)	Nitrofen (0.01)	Nitrothal-isopropyl (0.01)	Nuarimol (0.01)	Ofurace (0.01)
Oxadiazon (0.01)	Oxadixyl (0.01)	Oxyfluorfen (0.01)	Parathion (0.01)	Parathion-methyl (0.01)	Penconazole (sum of constituent isomers) (0.01)
Pendimethalin (0.01)	Pentachloroaniline (0.01)	Pentanochlor (0.01)	Permethrin (sum of isomers) (0.01)	Phenothrin (phenothrin including other mixtures of (0.01)	Phenthoate (0.01)
Phorate (0.01)	Phosalone (0.01)	Phosmet (0.01)	Phosphamidon (0.01)	Piperonyl butoxide (0.01)	Pirimiphos-ethyl (0.01)
Prochloraz (0.01)	Procymidone (0.01)	Profenofos (0.01)	Prometon (0.01)	Propargite (0.01)	Propetamphos (0.01)
Propham (0.01)	Propiconazole (sum of isomers) (0.01)	Propoxur (0.01)	Propyzamide (0.01)	Prosulfocarb (0.01)	Prothiofos (0.01)
Pyrazophos (0.01)	Pyridaben (0.01)	Pyridaphenthion (0.01)	Pyrifenox (0.01)	Pyrimethanil (0.01)	Pyrimidifen (0.01)
Quinalphos (0.01)	Quinoxyfen (0.01)	Quintozene (0.01)	Secbumeton (0.01)	Silafluofen (0.01)	Spirodiclofen (0.01)
Sulfallate (0.01)	Sulprofos (0.01)	Tebuconazole (0.01)	Tebufenpyrad (0.01)	Tecnazene (0.01)	Teflubenzuron (0.01)
Terbacil (0.01)	Terbumeton (0.01)	Tetrachlorvinphos (0.01)	Tetraconazole (0.01)	Tetradifon (0.01)	Tetramethrin (0.01)
Tetrasul (0.01)	Thiobencarb (0.01)	Tolclofos-methyl (0.01)	Trifluralin (0.01)	Vinclozolin (0.01)	

In this analytical batch the recovery values for this active were outside the acceptable range of 60 - 140 %. This active is therefore still included in the multi-residue screening, any positive detections would be re-analysed to meet quality assurance guidelines
† The quality assurance limits for this active have not been met and therefore this active has not been reported on this sample.

Opinions and interpretations within this report are outside our accreditation scope.
Pass/Fail criteria or other comments where shown are based on specifications agreed with client or Eurofins general limits and do not take in to account measurement of uncertainty, unless stated
Unless otherwise stated, all results are expressed on a sample as received basis.
The laboratory is not responsible for the data provided by the customers. The data provided may affect the validity of the results.

Key: cfu colony forming units
< denotes less than
> denotes greater than
~ estimated value