



**T0209**

## **KEPHIS ANALYTICAL CHEMISTRY LABORATORY**

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Date 5<sup>th</sup> October, 2018

### **Client Information**

**Client:**

**Address:**

**Telephone:**

### **Sample Details**

**Sample Type:** French beans

**Sample size:** 1kg

**Sample Condition:** Fresh

**Client's Identification Code:** MK003A3

**Lab Code:** AA180979

**Date start of Analysis:** 2/10/2018

### **REPORT OF ANALYSIS**

The following are the results for the French beans sample you submitted to KEPHIS Analytical Chemistry Laboratory on 1<sup>st</sup> October, 2018 for pesticides residue analysis.

#### **NOTE:**

- The results mentioned in this report only relate to the sample received by the laboratory.
- This report should not be reproduced/copied/scanned except with written approval of the Head of Laboratory.
- Test marked \* Not SANAS Accredited.
- "Tests marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory
- LOQ – Limit of Quantitation
- U: the expanded measurement uncertainty U (obtained by multiplying the measurement uncertainty with factor 2 that produces a 95% reliability interval) is expressed as % of the analysis result x. Result to be read as  $x \pm U$ . This value is available in the laboratory on your request.
- Correspondences regarding these results shall be channeled through KEPHIS Managing Director's office using the address provided above.

**Our ref:** PESD/ANAL/REP/VOL.

Page 1 of 4

## SUMMARY OF RESULTS

### MO326-LC-MS/MS

Analytes	Result (mg/kg)	EU_MRL
Analytes not detected (<LOQ)		

### MO326-GC-MSMS

Analytes	Result (mg/kg)	EU_MRL
Analytes not detected (<LOQ)		

### ANALYTES TESTED BY LC-MS/MS (LOQ= 0.01 Mg/kg)

Acephate	Cymoxanil (Curzate)	Florasulam	Methomyl
Acetamiprid	cyromazine	flucythrinate	Methoxyfenozide
Aldicarb	Diafenthiuron	Flufenacet	Metolachlor
Atrazine	Dialifos	(Fluthiamide)	Metribuzin
Azaconazole	Diazinon (Dimpylate)	Flufenoxuron	Monocrotophos
azadiractin A	Diclofop-methyl	Fluopyram	(Azodrin)
azadiractin B	Difenconazole	Flusilazol	Myclobutanil
Azinphos-ethyl (Guthion ethyl)	Diflubenzuron	fosetyl aluminium	Nicosulfuron
Azinphos-methyl	Dimethenamide	Fosthiazate	Nicotine
Azoxystrobin	Dimethoate	furilazole	Novaluron
Benomyl	Dimethomorph	Hexaconazole	Omethoate
Bifenazate	Diuron	Hexythiazox	Oxamyl
Brodifocoum	Emamectin B1a	Imidacloprid	Oxycarboxin
Bromacil	Emamectin B1b	Indoxacarb	Pencycuron
Bupirimate	ethephon	Iprovalicarb	Phorate (Isothioate)
Buprofezin	Etofenprox	Isoxaflutole	Phosalone
Carbaryl	Etozazole	Kresoxim methyl	Phosphamidon
Carbendazim	Fenamiphos	Lenacil	Pinoxaden
Carbofuran	Fenarimol	Linuron	Piperonyl butoxide
Carbosulfan	Fenazaquin	Lufenuron	Pirimifos-methyl
Carfentrazone-ethyl	Fenitrothion	Malathion	Prochloraz
chlorantranilipole	Fenoxaprop-p-ethyl	Mandipropamid	Profenofos
Chlorfenvinphos	Fenpropathrin	Mecarbam	Prometryn
Chlorpyrifos	Fenpyroximate	Mesotrione	Propanil
Chlorsulfuron	Fenthion sulfoxide (Mesulfenfos)	Metalaxyl	Propaquizafop
Clopyralid	Fenthion	Methamidophos	Propazine
Cyanazine (Fortrol)	Fenthion-sulfone	Methidathion	Propiconazole
		Methiocarb	Prothioconazole

Pymetrozine	Spiromesifen	Temephos	Triadimenol
Pyracarbolid	Spirotetramat	Terbuthylazine	Triazophos
Pyrethrin	Spiroxamine	Tetramethrin	Tribenuron-methyl
Pyridaben	Sulfosulfuron	Thiabendazole	Trichlorfon (DEP)
Pyrimethanil	Sulfoxaflo	Thiacloprid	Trifloxystrobin
Pyriproxyfen	Tebuconazole	Thiamethoxam	trifloxysulfuron
S_metalachlor	tebufenozi	Thiodicarb	sodium
Simazine	Tebufenpyrad	Thiophanate-methyl	Triflumizol
Spinosyn A	Tebuthiuron	Tralkoxydim	X11719474
Spinosyn D	Tembotrione	Triadimefon	

**ANALYTES TESTED BY GC-MS/MS (LOQ= 0.01 mg/kg)**

*Acetochlor	*Chlorfenvinphos	*Edifenphos	*Hexachlorobenzene
*Acrinathrin	*Chlorobenzilate	*Endosulfan sulfate	*Hexaconazole
*Alachlor	*Chloroneb	*Endrin	*Hexazinone
*Aldrin	*Chlorothalonil	*EPN	*Iprodione
*Allethrin	*Chlorpropham	*Ethalfluralin	*Isazofos
*Allidochlor	*Chlorpyrifos	*Ethion	*Kresoxim-methyl
*alpha-BHC	*Chlorpyrifos-methyl	*Ethoprophos	*lambda-Cyhalothrin
*alpha-Endosulfan	*Chlorthal-dimethyl	*Etofenprox	*Lenacil
*Atrazine	*Chlorthiophos	*Etridiazole	*Leptophos
*Azinphos-ethyl	*Chlozolate	*Fenamiphos	*Linuron
*Azinphos-methyl	*Chlordane- cis	*Fenarimol	*Malathion
*Benfluralin	*Clomazone	*Fenchlorphos	*Metalaxyl
*beta-BHC	*Coumaphos	*Fenitrothion	*Methacrifos
*beta-Endosulfan	*Cyfluthrin	*Fenpropathrin	*Methoxychlor
*Bifenthrin	*Cypermethrin	*Fenthion	*Metolachlor
*Biphenyl	*Cyproconazole	*Fenvalerate	*Mevinphos
*Bromophos	*Cyprodinil	*Fipronil	*Mirex
*Bromophos-ethyl	*DDD	*Flucythrinate	*Myclobutanil
*Bromopropylate	*DDE	*Fludioxonil	*Nitralin
*Bupirimate	*DDT	*Fluquinconazole	*Nitrofen
*Cadusafos	*delta-BHC	*Fluridone	*Nonachlor
*Captafol	*Deltamethrin	*Flusilazole	*Nonachlor- cis
*Captan	*Diazinon	*Flutolanil	*Norflurazon
*Carbophenothion	*Dichlofluanid	*Flutriafol	*Oxadiazon
*Carfentrazone-ethyl	*Dichlorvos	*Folpet	*Oxyfluorfen
*Chlorbenside	*Dieldrin	*Fonofos	*p,p'-DDT
*Chlordane	*Diphenamid	*Lindane	*Paclobutrazol
*Chlorfenapyr	*Diphenylamine	*Heptachlor	*Parathion
*Chlorfenson	*Disulfoton	*Heptachlor-exo-epoxide	*Parathion-methyl

\*Penconazole  
\*Pendimethalin  
\*Permethrin  
\*Phenothrin  
\*Phenylphenol  
\*Phorate  
\*Phosalone  
\*Phosmet  
\*Piperonyl butoxide  
\*Pirimiphos-methyl  
\*Pretilachlor  
\*Prochloraz

\*Procymidone  
\*Profenofos  
\*Propachlor  
\*Propanil  
\*Propargite  
\*Propyzamide  
\*Prothiofos  
\*Pyraclofos  
\*Pyrazophos  
\*Pyridaben  
\*Pyridaphenthion  
\*Pyrimethanil

\*Pyriproxyfen  
\*Quinalphos  
\*Quintozene  
\*Resmethrin  
\*Sulprofos  
\*tau-Fluvalinate  
\*Tebuconazole  
\*Tebufenpyrad  
\*Tecnazene  
\*Tefluthrin  
\*Terbacil  
\*Terbufos

\*Tetrachlorvinphos  
\*Tetradifon  
\*Tetramethrin  
\*Tolclofos-methyl  
\*Tolyfluanid  
\*Triadimefon  
\*Triadimenol  
\*Triazophos  
\*Tricyclazole  
\*Triflumizole  
\*Vinclozolin

**Analyst**

Samuel Kikuvu  
**Laboratory Technologist**

**Technical Signatory**

Dominic Indasio  
**Senior Laboratory Technologist**

**Authorized Signatory**

Onesmus Mwaniki  
**Laboratory Manager**