

TEST REPORT ASC/50893Rev2_A
Cannabinoids, Microbiology, Metals and Pesticides Time 0

Customer: Medicanna Ltd
Unit 7
Bude Business Centre
Kings Hill Industrial Estate
Bude
Cornwall
EX23 8QN

Testing Facility: Advanced Chemistry and Research
SOCOTEC
Etwall Building
Bretby Business Park
Ashby Road
Burton Upon Trent
DE15 0YZ

Purchase Order Number: 20210914 & 20210922

Date Samples Received: 28 September 2021

Condition of Samples: Ambient and Satisfactory

Approved by:



Approver's name: Alex Rice

Job Title: Laboratory Manager

Test Report Date: 01 December 2021

Test Report Revision Details

Revision	Details
Rev	This is a revised report to include the results from the Microbiology and Metals Suites
Rev2	This is a revised report to include the results from the Pesticides Suite

Sample and Method Descriptions

Number of Samples Received	Matrix / Sample Description	Method ID	Description
1	Oil	IHM	IHM – DETERMINATION OF CANNABINOIDS USING LC/MS/MS – The samples were diluted in solvent, spiked with a series of deuterated Cannabinoid internal standards and analysed by LC/MS/MS against a calibration of the requested Cannabinoids.
		ASC/SOP/101	OPERATION AND MAINTENANCE OF INDUCTIVELY COUPLED PLASMA MASS SPECTROMETERS (ICP-MS) – Measurements were performed by ICP-MS using the method of standard addition. Internal standard was added to monitor and correct for instrumental drift.
		ASC/SOP/102	OPERATION AND MAINTENANCE OF INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETERS (ICP-AES) – Samples were diluted as necessary and analysed by ICP-AES calibrated using certified standards.
		ASC/SOP/140	PREPARATION OF NON-PHARMACEUTICAL SAMPLES BY MICROWAVE DIGESTION – Samples were digested, using a mixture of high-purity concentrated acids in sealed Teflon vessels with microwave-assisted heating. Following digestion, the samples were diluted to a known volume with deionised water.
		SUB (ENV244 ENV245 MS-SalmPrecis)	MICROBIOLOGY SUITE – Samples were subcontracted to the SOCOTEC Microbiology Lab.
		SUB (AM/R/1003)	PESTICIDES SUTIE – The samples were subcontracted to different laboratories for analysis for pesticides by both Gas Chromatography Mass Spectroscopy (GCMS) and Liquid Chromatography Mass Spectroscopy (LCMS)

Results

Table 1:
Time zero: 30 September 2021

		Units	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml
		Method ID (ASC/SOP/xxx)	IHM	IHM	IHM	IHM	IHM	IHM	IHM
		Method Limit of Detection	0.001	0.001	0.4	0.001	0.001	0.001	0.001
		UKAS	NO	NO	NO	NO	NO	NO	NO
Customer Sample Reference	Laboratory Sample Reference		Δ 8 THC	Δ 9 THC	CBD	CBN	THCV	THCA-A	CBDV
10% Pure Swiss CBD 1000mg Dropper CALM	ASC/50893.001		<0.001	0.024	107	0.001	<0.001	<0.001	0.693

Δ 8 THC – Delta 8-Tetrahydrocannabinol

Δ 9 THC – Delta 9-Tetrahydrocannabinol

CBD - Cannabidiol

CBN - Cannabinol

THCV - Tetrahydrocannabivarin

THCA-A – Tetrahydrocannabinolic acid

CBDV - Cannabidivarin

Results

Table 2:
Time zero: 30 September 2021

		Units	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml	mg/ml
		Method ID (ASC/SOP/xxx)	IHM	IHM	IHM	IHM	IHM	IHM	IHM
		Method Limit of Detection	0.001	0.001	0.001	0.001	0.001	0.001	0.001
		UKAS	NO	NO	NO	NO	NO	NO	NO
Customer Sample Reference	Laboratory Sample Reference		CBG	CBC	CBDA	CBDVA	CBGA	CBNA	THCVA
10% Pure Swiss CBD 1000mg Dropper CALM	ASC/50893.001		<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001

CBG - Cannabigerol

CBC - Cannabichromene

CBDA – Cannabidiolic acid

CBDVA – Cannabidivarinic acid

CBGA – Cannabigerolic acid

CBNA – Cannabinolic acid

THCVA – Tetrahydrocannabivarinic acid

Quality Check Results

Table 3:
Calibration curve check

	Calibration r2	Pass/Fail (>0.995)
Δ8 THC	0.999	Pass
Δ9 THC	0.999	Pass
CBD	0.999	Pass
CBN	0.999	Pass
THCV	0.999	Pass
THCA-A	0.999	Pass
CBDV	0.999	Pass
CBG	0.999	Pass
CBC	0.999	Pass
CBDA	0.999	Pass
CBDVA	0.999	Pass
CBGA	0.999	Pass
CBNA	0.999	Pass
THCVA	0.999	Pass

Quality Check Results

Table 4:
Instrument QC check @ 75ng/ml

	AQC @ 75ng/ml	Pass/Fail ($\pm 20\%$)
$\Delta 8$ THC	76	Pass
$\Delta 9$ THC	75	Pass
CBD	77	Pass
CBN	73	Pass
THCV	74	Pass
THCA-A	70	Pass
CBDV	76	Pass
CBG	76	Pass
CBC	75	Pass
CBDA	73	Pass
CBDVA	79	Pass
CBGA	75	Pass
CBNA	75	Pass
THCVA	76	Pass

Quality Check Results

Table 5:
Instrument QC check @ 250ng/ml

	AQC @ 250ng/ml	Pass/Fail ($\pm 20\%$)
$\Delta 8$ THC	256	Pass
$\Delta 9$ THC	252	Pass
CBD	256	Pass
CBN	248	Pass
THCV	249	Pass
THCA-A	253	Pass
CBDV	252	Pass
CBG	254	Pass
CBC	257	Pass
CBDA	246	Pass
CBDVA	259	Pass
CBGA	253	Pass
CBNA	244	Pass
THCVA	254	Pass

Results

Table 7: Microbiology Suite

			Units	cfu/g	cfu/g	cfu/g	cfu/g	cfu/g	Presence/ absence	N/A
			Method No.	ENV244	ENV244	ENV244	ENV245	ENV245	MS- SalmPrecis	MS- SalmPrecis
			Level of Detection	10cfu/g	10cfu/g	10cfu/g	10cfu/g	10cfu/g	1cfu/25g	N/A
			Accreditation	None	None	None	None	None	None	None
Customer Sample Reference	Laboratory Sample Reference	Date Tested	Total Viable Count in CBD Products EN197427	Yeasts in CBD Products EN197427	Moulds in CBD Products EN197427	Total Coliforms in CBD Products EN197427	Total E. coli in CBD Products EN197427	Salmonella species in CBD Products EN197427	Confirmation & Speciation of Salmonella	
10% Pure Swiss CBD 1000mg Dropper CALM	ASC/50893.001	25/10/21	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	-	

Table 8: Metals Suite

		Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
		Method ID (ASC/SOP/xxx)	140/102	140/101	140/101	140/101	140/101
		Limit of Detection	5	0.003	0.006	0.3	0.009
		UKAS	No	No	No	No	No
Customer Sample Reference	Laboratory Sample Reference	Aluminium	Arsenic	Cadmium	Lead	Mercury	
10% Pure Swiss CBD 1000mg Dropper CALM	ASC/50893.001	<5	0.008	0.02	<0.3	0.03	



SOCOTEC

Results

Table 8: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
1,4-dimethylnaphthalene	-	<0.050
Acetochlor	-	<0.050
Acibenzolar-S-methyl	-	<0.050
Aclonifen	-	<0.050
Acrinathrin	-	<0.050
Alachlor	-	<0.050
Ametryn	-	<0.050
Anthraquinone	-	<0.050
Atraton	-	<0.050
Atrazine	-	<0.050
Azoxystrobin	-	<0.050
Benfluralin	-	<0.050
Bifenox	-	<0.050
Biphenyl	-	<0.050
Bitertanol	-	<0.050
Boscalid	-	<0.050
Bromocyclen	-	<0.050
Bromophos	-	<0.050
Bromophos-ethyl	-	<0.050
Bromopropylate	-	<0.050
Bupirimate	-	<0.050
Buprofezin	-	<0.050
Butafenacil	-	<0.050
Butralin	-	<0.050
Cadusaphos	-	<0.050
Carbophenothion	-	<0.050
Chlorfenvinphos	-	<0.050
cis Chlordane	-	<0.050
trans Chlordane	-	<0.050
Chlordane (sum of cis & trans isomers)	-	<0.050



Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Chlorfenapyr	-	<0.050
Chlorfenson	-	<0.050
Chlormephos	-	<0.050
Chlorobenzilate	-	<0.050
Chloroneb	-	<0.050
Chloropropylate	-	<0.050
Chlorpropham	-	<0.050
Chlorpyrifos	-	<0.050
Chlorpyrifos-methyl	-	<0.050
Chlorthal-dimethyl	-	<0.050
Chlorthion	-	<0.050
Chlozolate	-	<0.050
Climbazole	-	<0.050
Clodinafop-propargyl	-	<0.050
Cloquintocet-mexyl	-	<0.050
Crimidine	-	<0.050
Cyanofenphos	-	<0.050
Cyanophos	-	<0.050
Cyfluthrin (sum of isomers)	-	<0.050
Lambda Cyhalothrin	-	<0.050
Cyproconazole	-	<0.050
Cyprodinil	-	<0.050
o,p'-DDD	-	<0.050
p,p'-DDD	-	<0.050
o,p'-DDE	-	<0.050
p,p'-DDE	-	<0.050
o,p'-DDT	-	<0.050
p,p'-DDT	-	<0.050
DDT (sum of pp'-DDE, pp'- DDD, op'-DDT & pp'-DDT expressed as DDT)	-	<0.050
Deltamethrin	-	<0.050

Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Desmetryn	-	<0.050
Diallate	-	<0.050
Diazinon	-	<0.050
Dichlobenil	-	<0.050
Dichlofenthion	-	<0.050
Dichlorvos	-	<0.050
Diclofop-methyl	-	<0.050
Dicloran	-	<0.050
Dicofol	-	<0.050
Aldrin	-	<0.050
Dieldrin	-	<0.050
Sum of Aldrin and Dieldrin (expressed as Dieldrin)	-	<0.050
Difenoconazole	-	<0.050
Dimethomorph	-	<0.050
Dioxabenzofos	-	<0.050
Diphenylamine	-	<0.050
Dipropetryn	-	<0.050
Ditalimfos	-	<0.050
Edifenphos	-	<0.050
Endosulfan - Alpha	-	<0.050
Endosulfan - Beta	-	<0.050
Endosulfan sulphate	-	<0.050
Endosulfan (sum of alpha and beta isomers and endosulfan sulphate)	-	<0.050
Endrin	-	<0.050
EPTC	-	<0.050
Etaconazole	-	<0.050
Ethion	-	<0.050
Ethofumesate (parent only)	-	<0.050
Ethoprophos	-	<0.050
Etridiazole	-	<0.050
Etrimfos	-	<0.050



Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Flamprop isopropyl	-	<0.050
Famphur	-	<0.050
Fenarimol	-	<0.050
Fenchlorphos	-	<0.050
Fenchlorphos oxon	-	<0.050
Fenchlorphos (sum of Fenchlorphos & Fenchlophos oxon)	-	<0.050
Fenitrothion	-	<0.050
Fenpiclonil	-	<0.050
Fenpropathrin	-	<0.050
Fenpropimorph	-	<0.050
Fenson	-	<0.050
Fensulfothion	-	<0.050
Fenthion (parent only)	-	<0.050
Fluazifop-p-butyl (parent only)	-	<0.050
Fluchloralin	-	<0.050
Flucythrinate (sum of isomers)	-	<0.050
Fludioxonil	-	<0.050
Flumetralin	-	<0.050
Flumioxazine	-	<0.050
Fluopyram	-	<0.050
Flurprimidole	-	<0.050
Flusilazole	-	<0.050
Fluthiacet-methyl	-	<0.050
Flutolanil	-	<0.050
Flutriafol	-	<0.050
tau-Fluvalinate	-	<0.050
Fluxapyroxad	-	<0.050
Fonofos	-	<0.050
Furalaxyl	-	<0.050
Furathiocarb	-	<0.050
Hexachlorobenzene	-	<0.050



Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Hexachlorocyclohexane - alpha	-	<0.050
Hexachlorocyclohexane - beta	-	<0.050
Hexachlorocyclohexane - delta	-	<0.050
Hexachlorocyclohexane - gamma	-	<0.050
Heptachlor	-	<0.050
trans Heptachlor epoxide	-	<0.050
cis Heptachlor epoxide	-	<0.050
Heptachlor (sum of heptachlor & heptachlor epoxide expressed as heptachlor)	-	<0.050
Heptenophos	-	<0.050
Iodofenphos	-	<0.050
Isazophos	-	<0.050
Isobenzan	-	<0.050
Isodrin	-	<0.050
Isofenphos	-	<0.050
Isoprocarb	-	<0.050
Isoxadifen-ethyl	-	<0.050
Kresoxim-methyl	-	<0.050
Malathion	-	<0.050
MCPA-thioethyl	-	<0.050
Mecarbam	-	<0.050
Mepanipyrim	-	<0.050
Metalaxyl and metalaxyl-M (sum of isomers)	-	<0.050
Metazachlor (Parent Only)	-	<0.050
Methacrifos	-	<0.050
Methidathion	-	<0.050
Metrafenone	-	<0.050
Metribuzin	-	<0.050
Mevinphos	-	<0.050
Mirex	-	<0.050
Myclobutanil	-	<0.050
Napropamide	-	<0.050



Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Nitrofen	-	<0.050
Nitrothal-isopropyl	-	<0.050
Ofurace	-	<0.050
Oxadixyl	-	<0.050
Oxyfluorfen	-	<0.050
Paclobutrazol	-	<0.050
Parathion Ethyl	-	<0.050
Parathion Methyl	-	<0.050
Pebulate	-	<0.050
Penconazole	-	<0.050
Pendimethalin	-	<0.050
Pentachloroanisole	-	<0.050
Pentachlorobenzene	-	<0.050
Permethrin (sum of isomers)	-	<0.050
Perthan	-	<0.050
Phenthoate	-	<0.050
Phosalone	-	<0.050
Pirimicarb	-	<0.050
Pirimiphos - ethyl	-	<0.050
Pirimiphos-methyl	-	<0.050
Procymidone	-	<0.050
Profenofos	-	<0.050
Profluralin	-	<0.050
Prometryn	-	<0.050
Propachlor	-	<0.050
Propazine	-	<0.050
Propetamphos	-	<0.050
Propyzamide	-	<0.050
Prothiofos	-	<0.050
Pyrazophos	-	<0.050
Pyridaphenthion	-	<0.050



Results

Table 8 Continued: Pesticides Suite - GCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AMR/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Pyrimethanil	-	<0.050
Quinalphos	-	<0.050
Pentachloroaniline	-	<0.050
Quintozene	-	<0.050
Quintozene (sum of quintozene & pentachloroaniline expressed as quintozene)	-	<0.050
Silafluofen	-	<0.050
Sulfotep	-	<0.050
Sulprofos	-	<0.050
Tetrachlorvinphos	-	<0.050
Tecnazene	-	<0.050
Tefluthrin	-	<0.050
Terbacil	-	<0.050
Terbufos (sum of terbufos, terbufos sulfone & terbufos sulfoxide)	-	<0.050
Terbumeton	-	<0.050
Terbutylazine	-	<0.050
Terbutryn	-	<0.050
Tetradifon	-	<0.050
Tetrasul	-	<0.050
Thiometon	-	<0.050
Tolclofos-methyl	-	<0.050
Transfluthin	-	<0.050
Triadimefon	-	<0.050
Tri-allate	-	<0.050
Triazamate	-	<0.050
Trichloronate	-	<0.050
Trietazine	-	<0.050
Trifloxystrobin	-	<0.050
Trifluralin	-	<0.050
Triticonazole	-	<0.050
Vinclozolin (parent compound only)	-	<0.050
Zoxamide	-	<0.050



Results

Table 9: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Abamectin	-	<0.050
Acephate	-	<0.050
Acetamiprid	-	<0.050
Acrinathrin	-	<0.050
Sum of aldicarb, aldicarb sulfoxide & sulfone (expressed as aldicarb)	-	<0.050
Allethrin	-	<0.050
Amicarbazone	-	<0.050
Amidosulfuron	-	<0.050
Aminocarb	-	<0.050
Atrazine	-	<0.050
Azaconazole	-	<0.050
Azamethiphos	-	<0.050
Azinphos-ethyl	-	<0.050
Azoxystrobin	-	<0.050
Beflubetamid	-	<0.050
Benalaxyl	-	<0.050
Bendiocarb	-	<0.050
Benzoximate	-	<0.050
Bifenazate (parent only)	-	<0.050
Bifenthrin	-	<0.050
Bixafen	-	<0.050
Boscalid	-	<0.050
Bromacil	-	<0.050
Bromuconazole	-	<0.050
Bupirimate	-	<0.050
Buprofezin	-	<0.050
Butocarboxim	-	<0.050
Butralin	-	<0.050
Carbaryl	-	<0.050
Carbendazim	-	<0.050



Results

Table 9 Continued: Pesticides Suite – LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Carbetamide	-	<0.050
Sum of carbofuran & 3-OH carbofuran (expressed as carbofuran)	-	<0.050
Carboxin	-	<0.050
Carfentrazone-ethyl	-	<0.050
Chlorantraniliprole	-	<0.050
Chlorfenvinphos	-	<0.050
Chloridazon (parent only)	-	<0.050
Chlorotoluron	-	<0.050
Chloroxuron	-	<0.050
Chlorpyrifos	-	<0.050
Chlorpyrifos-methyl	-	<0.050
Chlorthiophos	-	<0.050
Cinidon-ethyl	-	<0.050
Clofentezine	-	<0.050
Clomazone	-	<0.050
Clothianidin	-	<0.050
Coumaphos	-	<0.050
Crufomate	-	<0.050
Cyanazine	-	<0.050
Cyazofamid	-	<0.050
Cycloate	-	<0.050
Cycluron	-	<0.050
Cyflufenamid	-	<0.050
Cymiazole	-	<0.050
Cymoxanil	-	<0.050
Cypermethrin (sum of isomers)	-	<0.050
Cyproconazole	-	<0.050
Cyprodinil	-	<0.050
DEET (N,N-diethyl-m-toluamide)	-	<0.050
Deltamethrin	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Demeton-S-methyl	-	<0.050
Oxydemeton-methyl (sum of oxydemeton-me and dem-S-me sulfone as oxydemeton-me)	-	<0.050
Desmedipham	-	<0.050
Desmetryn	-	<0.050
Dialifos	-	<0.050
Diazinon	-	<0.050
Dichlorvos	-	<0.050
Diclofop-methyl	-	<0.050
Dicrotophos	-	<0.050
Diethofencarb	-	<0.050
Difenoconazole	-	<0.050
Diflubenzuron	-	<0.050
Diflufenican	-	<0.050
Dimethachlor	-	<0.050
Dimethenamid	-	<0.050
Dimethoate	-	<0.050
Omethoate	-	<0.050
Dimethomorph	-	<0.050
Dimethylvinphos	-	<0.050
Dimoxystrobin	-	<0.050
Diniconazole	-	<0.050
Dinotefuran	-	<0.050
Dioxacarb	-	<0.050
Diphenamid	-	<0.050
Diuron	-	<0.050
Epoxiconazole	-	<0.050
Ethidimuron (sulfodiazole)	-	<0.050
Ethion	-	<0.050
Ethofumesate (parent only)	-	<0.050
Ethoprophos	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Etofenprox	-	<0.050
Famoxadone	-	<0.050
Fenamidone	-	<0.050
Sum of fenamiphos, fenamiphos sulfone and fenamiphos sulfoxide	-	<0.050
Fenarimol	-	<0.050
Fenazaquin	-	<0.050
Fenbuconazole	-	<0.050
Fenchlorphos oxon	-	<0.050
Fenobucarb	-	<0.050
Fenoxaprop-P-ethyl	-	<0.050
Fenoxycarb	-	<0.050
Fenpropathrin	-	<0.050
Fenpropimorph	-	<0.050
Fenpyroximate	-	<0.050
Sum of fenthion, fenthion sulfone and fenthion sulfoxide	-	<0.050
Fenuron	-	<0.050
Fipronil	-	<0.050
Fipronil sulfone	-	<0.050
Fipronil (sum of fipronil & fipronil sulfone as fipronil)	-	<0.050
Fipronil desulfinyl	-	<0.050
Flamprop isopropyl	-	<0.050
Flonicamid (Parent only)	-	<0.050
Flubendiamide	-	<0.050
Flucythrinate (sum of isomers)	-	<0.050
Fludioxonil	-	<0.050
Flufenacet (parent only)	-	<0.050
Flufenoxuron	-	<0.050
Flumorph	-	<0.050
Fluometuron	-	<0.050
Fluopicolide	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AMR/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Fluoxastrobin	-	<0.050
Fluquinconazole	-	<0.050
Flurochloridone	-	<0.050
Flurtamone	-	<0.050
Flusilazole	-	<0.050
Flutolanil	-	<0.050
Flutriafol	-	<0.050
Forchlorfenuron	-	<0.050
Formetanate hydrochloride	-	<0.050
Formothion	-	<0.050
Fosthiazate	-	<0.050
Fuberidazole	-	<0.050
Furalaxyl	-	<0.050
Furathiocarb	-	<0.050
Azinphos-methyl	-	<0.050
Halofenozide	-	<0.050
Haloxypop-methyl	-	<0.050
Hexaconazole	-	<0.050
Hexaflumuron	-	<0.050
Hexazinone	-	<0.050
Hexythiazox	-	<0.050
Imazalil	-	<0.050
Imidacloprid	-	<0.050
Indoxacarb	-	<0.050
Ipconazole	-	<0.050
Iprobenfos	-	<0.050
Iprovalicarb	-	<0.050
Isofenphos-methyl	-	<0.050
Isoprothiolane	-	<0.050
Isoproturon	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Isopyrazam	-	<0.050
Isoxaben	-	<0.050
Isoxaflutole (parent only)	-	<0.050
Ivermectin	-	<0.050
Kresoxim-methyl	-	<0.050
Lenacil	-	<0.050
Linuron	-	<0.050
Lufenuron	-	<0.050
Sum of malathion and malaoxon (expressed as malathion)	-	<0.050
Mandipropamid	-	<0.050
Mecarbam	-	<0.050
Mepanipyrim	-	<0.050
Mephosfolan	-	<0.050
Mepronil	-	<0.050
Metaflumizone	-	<0.050
Metalaxyl and metalaxyl-M (sum of isomers)	-	<0.050
Metamitron	-	<0.050
Metazachlor (Parent Only)	-	<0.050
Metconazole	-	<0.050
Methabenzthiazuron	-	<0.050
Methacrifos	-	<0.050
Methamidophos	-	<0.050
Methidathion	-	<0.050
Methiocarb (sum of methiocarb, sulfoxide and sulfone as methiocarb)	-	<0.050
Methomyl	-	<0.050
Thiodicarb	-	<0.050
Methoprotryne	-	<0.050
Methoxyfenozide	-	<0.050
Metobromuron	-	<0.050
Metolachlor	-	<0.050



SOCOTEC

Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Metolcarb	-	<0.050
Metoxuron	-	<0.050
Metrafenone	-	<0.050
Metribuzin	-	<0.050
Mevinphos	-	<0.050
Mexacarbate	-	<0.050
Molinate	-	<0.050
Monocrotophos	-	<0.050
Monolinuron	-	<0.050
Monuron	-	<0.050
Moxidectin	-	<0.050
Myclobutanil	-	<0.050
Napropamide	-	<0.050
Nitenpyram	-	<0.050
Norflurazon	-	<0.050
Novaluron	-	<0.050
Oxadiazon	-	<0.050
Oxadixyl	-	<0.050
Oxamyl	-	<0.050
Paclobutrazol	-	<0.050
Paraoxon	-	<0.050
Paraoxon methyl	-	<0.050
Penconazole	-	<0.050
Pencycuron (parent only)	-	<0.050
Penthiopyrad	-	<0.050
Permethrin	-	<0.050
Pethoxamid	-	<0.050
Phenmedipham	-	<0.050
Phenothrin	-	<0.050
Phenthoate	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Phorate (sum of phorate, sulfoxide and sulfone expressed as phorate)	-	<0.050
Phosalone	-	<0.050
Phosfolan	-	<0.050
Phosmet (parent only)	-	<0.050
Phosphamidon	-	<0.050
Phoxim	-	<0.050
Picolinafen	-	<0.050
Picoxystrobin	-	<0.050
Pinoxaden	-	<0.050
Piperonyl Butoxide	-	<0.050
Pirimicarb	-	<0.050
desmethyl Pirimicarb	-	<0.050
Pirimiphos - ethyl	-	<0.050
Pirimiphos-methyl	-	<0.050
Prochloraz (parent only)	-	<0.050
BTS44595	-	<0.050
BTS44596	-	<0.050
Prochloraz (Sum of Prochloraz,BTS44595,BTS44596 expressed as Prochloraz)	-	<0.050
Profenofos	-	<0.050
Promecarb	-	<0.050
Prometon	-	<0.050
Prometryn	-	<0.050
Propanil	-	<0.050
Propaquizafop	-	<0.050
Propargite	-	<0.050
Propazine	-	<0.050
Propetamphos	-	<0.050
Propham	-	<0.050
Propiconazole	-	<0.050
Propoxur	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AMR/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Propyzamide	-	<0.050
Proquinazid	-	<0.050
Prosulfocarb	-	<0.050
Prothioconazole-desthio	-	<0.050
Pymetrozine	-	<0.050
Pyracarbolid	-	<0.050
Pyraclostrobin	-	<0.050
Pyraflufen ethyl	-	<0.050
Pyridaben	-	<0.050
Pyrifenox	-	<0.050
Pyrimethanil	-	<0.050
Pyriproxifen	-	<0.050
Quassin (quassia)	-	<0.050
Quinalphos	-	<0.050
Quinoclamine	-	<0.050
Quinoxifen	-	<0.050
Quizalofop ethyl	-	<0.050
Resmethrin	-	<0.050
Rotenone	-	<0.050
Silthiofam	-	<0.050
Simazine	-	<0.050
Spirodiclofen	-	<0.050
Spiromesifen	-	<0.050
Spirotetramat (parent only)	-	<0.050
tau-Fluvalinate	-	<0.050
Tebuconazole	-	<0.050
Tebufenozide	-	<0.050
Tebufenpyrad	-	<0.050
Tebupirimfos	-	<0.050
Tebuthiuron	-	<0.050



Results

Table 9 Continued: Pesticides Suite - LCMS

Units		mg / kg
Method ID (ASC/SOP/xxx)		SUB - AM/R/1003
UKAS		NO
Customer Sample Reference		10% Pure Swiss CBD 1000mg Dropper CALM
Laboratory Sample Reference		ASC/50893.001
Compound	Limit of Detection	Result
Temephos	-	<0.050
Terbufos	-	<0.050
Terbufos sulfone	-	<0.050
Terbufos sulfoxide	-	<0.050
Terbutylazine	-	<0.050
Terbutryn	-	<0.050
Tetraconazole	-	<0.050
Tetramethrin	-	<0.050
Thiabendazole	-	<0.050
Thiacloprid	-	<0.050
Thiamethoxam	-	<0.050
Thidiazuron	-	<0.050
Thiobencarb	-	<0.050
Thiophanate-Methyl	-	<0.050
Tolclofos-methyl	-	<0.050
Tolyfluanid (parent only)	-	<0.050
Triadimenol	-	<0.050
Triadimefon	-	<0.050
Triazophos	-	<0.050
Triazoxide	-	<0.050
Trichlorfon	-	<0.050
Tricyclazole	-	<0.050
Trietazine	-	<0.050
Trifloxystrobin	-	<0.050
Triflumizole (parent only)	-	<0.050
Triflumuron	-	<0.050
Trimethacarb	-	<0.050
Triticonazole	-	<0.050
Uniconazole	-	<0.050
Vamidothion	-	<0.050
Vernolate	-	<0.050
XMC (3,5-xyllyl methylcarbamate)	-	<0.050
Zoxamide	-	<0.050

END OF TEST REPORT