



REPORT OF ANALYSIS

Client : MANGOSTEEN DIETARY SUPPLEMENTS 3A KINGSTON CRES KINGSTON PARK SA 5049	Job No. : MANG02/150827 Quote No. : QT-02039 Order No. : Date Sampled : Date Received : 27-AUG-2015 Sampled By : CLIENT
Attention : T MC GRATH Project Name : Your Client Services Manager : Tim Stobaus	Phone : (03) 9644 4849

Lab Reg No.	Sample Ref	Sample Description
V15/024085	1	Vitalxan Pericap spray dried powder

Lab Reg No.	Sample Reference	Units	V15/024085	1	Method
Organochlorine (OC) Pesticides					
Aldrin	mg/kg	< 0.02			NR36_VL375
BHC - alpha	mg/kg	< 0.02			NR36_VL375
BHC - beta	mg/kg	< 0.02			NR36_VL375
BHC - delta	mg/kg	< 0.02			NR36_VL375
BHC - Total	mg/kg	< 0.02			NR36_VL375
Chlordane	mg/kg	< 0.02			NR36_VL375
DDD - o.p.	mg/kg	< 0.02			NR36_VL375
DDE - o.p.	mg/kg	< 0.02			NR36_VL375
DDT - o.p.	mg/kg	< 0.02			NR36_VL375
DDD - p.p.	mg/kg	< 0.02			NR36_VL375
DDE - p.p.	mg/kg	< 0.02			NR36_VL375
DDT - p.p.	mg/kg	< 0.02			NR36_VL375
DDT - Total	mg/kg	< 0.02			NR36_VL375
Dicofol	mg/kg	< 0.02			NR36_VL375
Dieldrin	mg/kg	< 0.02			NR36_VL375
Endosulfan - a.	mg/kg	< 0.02			NR36_VL375
Endosulfan - b.	mg/kg	< 0.02			NR36_VL375
Endosulfan - Sulphate	mg/kg	< 0.02			NR36_VL375
Endosulfan - Total	mg/kg	< 0.02			NR36_VL375
Endrin	mg/kg	< 0.05			NR36_VL375
HCB	mg/kg	< 0.01			NR36_VL375
Heptachlor	mg/kg	< 0.01			NR36_VL375
Heptachlor-Epoxyde	mg/kg	< 0.01			NR36_VL375
Lindane	mg/kg	< 0.02			NR36_VL375
Methoxychlor	mg/kg	< 0.05			NR36_VL375
Nonachlor	mg/kg	< 0.05			NR36_VL375
Trichlorfon	mg/kg	< 0.02			NR36_VL375
Organophosphate (OP) Pesticides					
Acephate	mg/kg	< 0.1			VL375

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Lab Reg No.		V15/024085			
Sample Reference	Units	1			Method
Organophosphate (OP) Pesticides					
Azinphos ethyl	mg/kg	< 0.05			NR36_VL375
Azinphos methyl	mg/kg	< 0.02			NR36_VL375
Bromophos ethyl	mg/kg	< 0.05			NR36_VL375
Carbophenothion	mg/kg	< 0.05			NR36_VL375
Chlorfenvinphos	mg/kg	< 0.05			NR36_VL375
Chlorpyrifos	mg/kg	< 0.01			NR36_VL375
Chlorpyrifos methyl	mg/kg	< 0.02			NR36_VL375
Chlorthal dimethyl	mg/kg	< 0.02			NR36_VL375
Coumaphos	mg/kg	< 0.01			NR36_VL375
Demeton-S-Methyl	mg/kg	< 0.01			NR36_VL375
Diazinon	mg/kg	< 0.02			NR36_VL375
Dioxathion	mg/kg	< 0.05			NR36_VL375
Dichlorvos	mg/kg	< 0.02			NR36_VL375
Dimethoate	mg/kg	< 0.02			NR36_VL375
Ethion	mg/kg	< 0.05			NR36_VL375
Fenamiphos	mg/kg	< 0.01			VL375
Fenchlorphos	mg/kg	< 0.05			NR36_VL375
Fenitrothion	mg/kg	< 0.02			NR36_VL375
Fenthion	mg/kg	< 0.01			NR36_VL375
Formothion	mg/kg	< 0.05			NR36_VL375
Malathion	mg/kg	< 0.02			NR36_VL375
Methacrifos	mg/kg	< 0.05			NR36_VL375
Methamidophos	mg/kg	< 0.01			VL375
Methidathion	mg/kg	< 0.01			NR36_VL375
Mevinphos	mg/kg	< 0.02			NR36_VL375
Monocrotophos	mg/kg	< 0.01			VL375
Omethoate	mg/kg	< 0.02			NR36_VL375
Parathion ethyl	mg/kg	< 0.02			NR36_VL375
Parathion methyl	mg/kg	< 0.02			NR36_VL375
Phorate	mg/kg	< 0.02			NR36_VL375
Phosalone	mg/kg	< 0.05			NR36_VL375
Phosmet	mg/kg	< 0.02			NR36_VL375
Phosphamidon	mg/kg	< 0.05			NR36_VL375
Pirimiphos methyl	mg/kg	< 0.02			NR36_VL375
Profenofos	mg/kg	< 0.05			NR36_VL375
Prothiofos	mg/kg	< 0.01			NR36_VL375
Temephos	mg/kg	< 0.05			NR36_VL375
Terbufos	mg/kg	< 0.05			NR36_VL375
Triazophos	mg/kg	< 0.05			NR36_VL375
Herbicides					
Linuron	mg/kg	< 0.05			VL375

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Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method
Herbicides						
Metribuzin	mg/kg	< 0.01				VL375
Molinate	mg/kg	< 0.05				NR36_VL375
Oxyfluorfen	mg/kg	< 0.01				NR36_VL375
Pendimethalin	mg/kg	< 0.02				VL375
Propachlor	mg/kg	< 0.02				NR36_VL375
Trifluralin	mg/kg	< 0.01				NR36_VL375
Acaricides						
Buprofezin	mg/kg	< 0.01				VL375
Clofentezine	mg/kg	< 0.05				VL375
Disulphoton	mg/kg	< 0.01				NR36_VL375
Etoxazole	mg/kg	< 0.05				VL375
Hexythiazox	mg/kg	< 0.05				VL375
Propargite	mg/kg	< 0.05				VL375
Tebufenpyrad	mg/kg	< 0.02				VL375
Tetradifon	mg/kg	< 0.02				NR36_VL375
Fungicides						
Benalaxyl	mg/kg	< 0.01				VL375
Bitertanol	mg/kg	< 0.05				VL375
Boscalid	mg/kg	< 0.01				VL375
Captan	mg/kg	< 0.05				NR36_VL375
Chlorothalonil	mg/kg	< 0.01				NR36_VL375
Cyproconazole	mg/kg	< 0.02				VL375
Cyprodinil	mg/kg	< 0.01				VL375
Diclofluanid	mg/kg	< 0.02				NR36_VL375
Dicloran	mg/kg	< 0.02				NR36_VL375
Difenoconazole	mg/kg	< 0.01				VL375
Dimethomorph	mg/kg	< 0.02				VL375
Diphenylamine	mg/kg	< 0.02				NR36_VL375
Fenarimol	mg/kg	< 0.05				VL375
Fludioxonil	mg/kg	< 0.02				VL375
Flusilazole	mg/kg	< 0.05				VL375
Hexaconazole	mg/kg	< 0.05				VL375
Imazalil	mg/kg	< 0.05				VL375
Iprodione	mg/kg	< 0.02				NR36_VL375
Kresoxim methyl	mg/kg	< 0.05				VL375
Metalaxyl	mg/kg	< 0.01				VL375
Myclobutanil	mg/kg	< 0.02				VL375
Oxadixyl	mg/kg	< 0.05				NR36_VL375
Oxycarboxin	mg/kg	< 0.05				VL375
Paclobutrazol	mg/kg	< 0.01				VL375
Penconazole	mg/kg	< 0.05				VL375

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Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method
Fungicides						
Piperonyl butoxide	mg/kg	< 0.01				VL375
Prochloraz	mg/kg	< 0.05				VL375
Procymidone	mg/kg	< 0.02				NR36_VL375
Propiconazole	mg/kg	< 0.02				VL375
Pyraclostrobin	mg/kg	< 0.01				VL375
Pyrimethanil	mg/kg	< 0.01				VL375
Quintozene	mg/kg	< 0.01				NR36_VL375
Tebuconazole	mg/kg	< 0.01				VL375
Tolclophos methyl	mg/kg	< 0.05				VL375
Tolylfluanid	mg/kg	< 0.05				NR36_VL375
Triadimefon	mg/kg	< 0.05				VL375
Triadimenol	mg/kg	< 0.05				VL375
Vinclozolin	mg/kg	< 0.02				NR36_VL375
Others						
Chlorfenapyr	mg/kg	< 0.02				NR36_VL375
Phenols						
O-Phenylphenol	mg/kg	< 0.02				NR36_VL375
Carbamates						
Aldicarb (incl sulfoxide & sulfonamide)	mg/kg	< 0.01				VL375
Carbaryl	mg/kg	< 0.05				VL375
Pirimicarb	mg/kg	< 0.02				VL375
Synthetic Pyrethroids						
Bifenthrin	mg/kg	< 0.01				NR36_VL375
Bioresmethrin	mg/kg	< 0.02				NR36_VL375
Cyfluthrin - b.	mg/kg	< 0.01				NR36_VL375
Cyfluthrin	mg/kg	< 0.01				NR36_VL375
Cyhalothrin - l.	mg/kg	< 0.01				NR36_VL375
Cyhalothrin	mg/kg	< 0.01				NR36_VL375
Cypermethrin - a.	mg/kg	< 0.01				NR36_VL375
Cypermethrin	mg/kg	< 0.01				NR36_VL375
Deltamethrin	mg/kg	< 0.02				NR36_VL375
Esfenvalerate	mg/kg	< 0.01				NR36_VL375
Fenvalerate	mg/kg	< 0.01				NR36_VL375
Fluvalinate	mg/kg	< 0.01				NR36_VL375
tau-Fluvalinate	mg/kg	< 0.02				NR36_VL375
Permethrin	mg/kg	< 0.02				NR36_VL375
Phenothrin	mg/kg	< 0.02				NR36_VL375
Pyrethrins	mg/kg	< 0.02				NR36_VL375
Insecticide						
Acetamiprid	mg/kg	< 0.01				VL375
Chlorantaniliprole	mg/kg	< 0.01				VL375

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Sample Reference	Units	1				Method
Insecticide						
Clothianidin	mg/kg	< 0.01				VL375
Fenoxycarb	mg/kg	< 0.02				VL375
Fipronil	mg/kg	< 0.01				VL375
Flubendiamide	mg/kg	< 0.02				VL375
Indoxacarb	mg/kg	< 0.05				VL375
Pyriproxyfen	mg/kg	< 0.02				VL375
Spinetoram	mg/kg	< 0.05				VL375
Spirotetramat	mg/kg	< 0.05				VL375
Thiamethoxam	mg/kg	< 0.05				VL375
C5 Residues						
Azoxystrobin	mg/kg	0.03				VL375
Benomyl	mg/kg	< 0.1				VL375
Benzyladenine	mg/kg	< 0.05				VL375
Carbendazim	mg/kg	< 0.05				VL375
Diuron	mg/kg	< 0.05				VL375
Fenhexamid	mg/kg	< 0.02				VL375
Fenpyroximate	mg/kg	< 0.05				VL375
Imidacloprid	mg/kg	< 0.02				VL375
Methomyl	mg/kg	< 0.02				VL375
Methomyl oxime	mg/kg	< 0.02				VL375
Methomyl Total	mg/kg	< 0.02				VL375
Pymetrozine	mg/kg	< 0.02				VL375
Spinosad	mg/kg	< 0.01				VL375
Tebufenozide	mg/kg	< 0.02				VL375
Thiabendazole	mg/kg	< 0.02				VL375
Thiacloprid	mg/kg	< 0.02				VL375
Trifloxystrobin	mg/kg	< 0.02				VL375



Louise Stevenson, Analyst
Pesticide Residues

10-SEP-2015

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Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method
Trace Elements						
Arsenic	mg/kg	0.090				VL247
Cadmium	mg/kg	0.19				VL247
Lead	mg/kg	0.025				VL247
Mercury	mg/kg	< 0.01				VL247
Sodium	mg/100g	68				VL247



Paul Adorno, Section Manager
Inorganics - Vic

10-SEP-2015

Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method
Microbiology						
Standard Plate Count	CFU/g	< 150				VM1.22A
Coliforms	MPN/g	< 1				VM1.09C
Thermotolerant Coliforms	MPN/g	< 1				VM1.09C
E. coli	MPN/g	< 1				VM1.09C
Coag.-positive Staphylococci	CFU/g	< 10				VM1.23C
Salmonella /25g		ND				VM1.20B
Dates						
Date Tested		1-SEP-2015				

ND = Not Detected.



Glenda Scott, Analyst
Microbiology - Vic

10-SEP-2015

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Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method
Proximates						
Fructose	g/100g	16				VL295
Glucose	g/100g	7.0				VL295
Sucrose	g/100g	< 0.2				VL295
Maltose	g/100g	< 0.2				VL295
Lactose	g/100g	< 0.2				VL295
Total Sugars	g/100g	23				VL295
Moisture	g/100g	5.6				VL298
Fat (Mojonnier extraction)	g/100g	< 0.2				VL302
Saturated Fat	g/100g	< 0.1				VL289
Protein (N x 6.25)	g/100g	1.6				VL299
Ash	g/100g	10.1				VL286
Carbohydrates	g/100g	83				VL412
Energy (kj)	kJ/100g	1440				VL412
Mono trans fats	g/100g	< 0.1				VL289
Mono-unsaturated fat	g/100g	< 0.1				VL289
Omega 3 fats	g/100g	< 0.1				VL289
Omega 6 fats	g/100g	< 0.1				VL289
Poly trans fats	g/100g	< 0.1				VL289
Poly-unsaturated fat	g/100g	< 0.1				VL289
Trans fats	g/100g	< 0.1				VL289
Antioxidants						
ORAC_Vit E Equiv. (hydro)	umol/kg	3361100				VL370
ORAC_Vit E Equiv. (Lipo)	umol/kg	1900				VL370
ORAC_Vit E Equiv. (Total)	umol/kg	3363000				VL370
Date Prepared		8-SEP-2015				VL370
Date Analysed		9-SEP-2015				VL370

V15/024085

The ORAC assay provides a measure of antioxidant scavenging ability directed at the biologically prevalent peroxy radical, a common reactive oxygen species (ROS). ORAC(hydro) represents the water-soluble antioxidant capacity and ORAC(lipo) represents the fat-soluble antioxidant capacity for the sample. The water-soluble vitamin E analogue Trolox is used as the calibration standard and the ORAC(hydro) and ORAC(lipo) results are represented as umol of Trolox equivalent per litre or kilogram. The total antioxidant capacity is the sum of ORAC(hydro) and ORAC(lipo) values and is also expressed as umol Trolox equivalent per litre or kilogram.

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Lab Reg No.		V15/024085				
Sample Reference	Units	1				Method



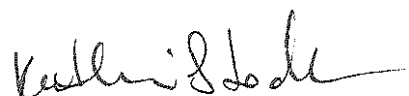
Leo Demel, Analyst
Inorganics - Vic



Paul Adorno, Section Manager
Food Composition - Vic



Devika Kodituwakku, Analyst
Inorganics - Vic



Kathrine Stockham, Analyst
Organics - Vic

10-SEP-2015

Results relate only to the sample(s) tested.
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