

Microchem Lab Services (Pty) Ltd

Cape Town (Head Office)
5 Dairy St, Stikland Industrial,
Cape Town, South Africa, 7530

Tel: +27 (21) 465 6996 /7

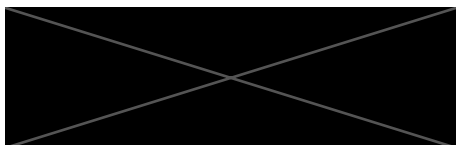
Fax: +27 (21) 465 6983

Co .Reg. 2007/010539/07 Vat No. 4330239049

Email: chem@microchem.co.za

Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-027



Tel:



Fax:

Requested by :



E-mail Address:

Purchase Order Number: PO1381 / VCOA00083-24

Division/Department:

Date Received: 02-September-2024

Date Validated: 10-September-2024

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-027

Laboratory Sample ID: BA49707

Product: Macadamia nuts
Client Sample ID: Macadamia Kernel style 6 (Bars+BB Mix)
Batch Code: VCOA00083-24
Barcode: -
Sample Condition: As Received
Production Date:
Sell- By Date:

Test Date: 02-September-2024
Sampling Date:
Best Before Date:
Use-By Date:

TEST TYPE	TEST METHOD REF	MOU (%)	RESULT
Arsenic (mg/kg)	S.O.P.C. No. 83	9.6	0.0090
Cadmium (mg/kg)	S.O.P.C. No. 83	5.40	0.0016
Mercury (mg/kg)	S.O.P.C. No. 83	7.94	0.0123
Lead (mg/kg)	S.O.P.C. No. 83	6.22	0.0092

Sample Comments:



Z Abrahams

10-September-2024

Confirmed by: Technical Signatory

Date:

Total Dietary Fibre content determined by AOAC Method 991.43
MoU = Measurement of Uncertainty. Calc = By calculation.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-027

Laboratory Sample ID: BA49708

Product: Macadamia nuts
Client Sample ID: Macadamia Kernel style 7 (Paste)
Batch Code: VPBC00401-24 VPBC00402-24
Barcode: -
Sample Condition: As Received
Production Date:
Sell- By Date:

Test Date: 02-September-2024
Sampling Date:
Best Before Date:
Use-By Date:

TEST TYPE	TEST METHOD REF	MOU (%)	RESULT
Arsenic (mg/kg)	S.O.P.C. No. 83	9.6	0.0128
Cadmium (mg/kg)	S.O.P.C. No. 83	5.40	0.0017
Mercury (mg/kg)	S.O.P.C. No. 83	7.94	0.0254
Lead (mg/kg)	S.O.P.C. No. 83	6.22	0.0154

Sample Comments:



Z Abrahams

10-September-2024

Confirmed by: Technical Signatory

Date:

Total Dietary Fibre content determined by AOAC Method 991.43
MoU = Measurement of Uncertainty. Calc = By calculation.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-027

Laboratory Sample ID: BA49709

Product: Rotondo Walnuts
Client Sample ID: Walnuts medium Pieces (BB Mix)
Batch Code: DP-00173
Barcode: -
Sample Condition: As Received
Production Date:
Sell- By Date:

Test Date: 02-September-2024
Sampling Date:
Best Before Date:
Use-By Date:

TEST TYPE	TEST METHOD REF	MOU (%)	RESULT
Arsenic (mg/kg)	S.O.P.C. No. 83	9.6	0.0090
Cadmium (mg/kg)	S.O.P.C. No. 83	5.40	0.0012
Mercury (mg/kg)	S.O.P.C. No. 83	7.94	0.0119
Lead (mg/kg)	S.O.P.C. No. 83	6.22	0.0078

Sample Comments:



Z Abrahams

10-September-2024

Confirmed by: Technical Signatory

Date:

Total Dietary Fibre content determined by AOAC Method 991.43
MoU = Measurement of Uncertainty. Calc = By calculation.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



T0393



Microchem Lab Services (Pty) Ltd

Cape Town (Head Office)
5 Dairy St, Stikland Industrial,
Cape Town, South Africa, 7530

Tel: +27 (21) 465 6996 /7

Fax: +27 (21) 465 6983

Co .Reg. 2007/010539/07 Vat No. 4330239049

Email: chem@microchem.co.za

Certificate Of Analysis

Our Lab Reference Number: 2024-10-03-032



Tel:

Fax:



Requested by :

E-mail Address:



Purchase Order Number: PO1407 / VCOA000117-24

Division/Department:

Date Received: 03-October-2024

Date Validated: 15-October-2024

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



Certificate Of Analysis

Our Lab Reference Number: 2024-10-03-032

Laboratory Sample ID: BA72278

Product: Macadamia Nuts
Client Sample ID: Macadamia Kernel Style 7 (BP Paste)
Batch Code: VCOA000117-24
Barcode:
Sample Condition: As Received
Production Date:
Sell- By Date:

Test Date: 03-October-2024
Sampling Date:
Best Before Date:
Use-By Date:

TEST TYPE	TEST METHOD REF	MOU (%)	RESULT
Arsenic (mg/kg)	S.O.P.C. No. 83	9.6	0.0123
Cadmium (mg/kg)	S.O.P.C. No. 83	5.40	0.0015
Mercury (mg/kg)	S.O.P.C. No. 83	7.94	0.0393
Lead (mg/kg)	S.O.P.C. No. 83	6.22	0.0091

Sample Comments:

Batch Code:VPBC00416-24
Batch Code:VPBC00417-24
Batch Code:VPBC00418-24
Batch Code:VPBC00419-24



Z Abrahams

15-October-2024

Confirmed by: Technical Signatory

Date:


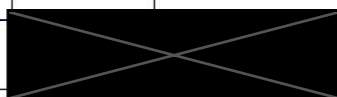

Total Dietary Fibre content determined by AOAC Method 991.43
MoU = Measurement of Uncertainty. Calc = By calculation.

* = Not SANAS Accredited.


Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

This certificate shall not be reproduced except with the approval of the laboratory.
The integrity of results reported are only valid from sample receipt by the laboratory.



	FOOD SAFETY ASSESSMENT MANUAL		Doc no.:	RC02.3C
	BLUEPRINT		Revision:	00
	MACADAMIS NUT PUREE ON THE GO		Date	27/9/2023
	12 X 25 g DISPLAY'S		Effective:	
Prepared By: Christina Bezuidenhout	Approved By: Sakkie Roos		Page no.:	Page 1 of 1
Revision No: 00	Reason for revision: n/a			
Reviewed for suitability by: Christina Bezuidenhout		Checked by customer:		
CUSTOMER		RODUCT RELEASE SPECIFICATION -		

FINAL PRODUCT SPECIFICATION

BN	Date:			
TEST CRITERIA	SPEC	TARGET	TEST RESULT	COMMENTS
Batch no on bulk received	See CoA from 	Visual Record no:	VCOA00083-24	None
Batch no printed on sachets and display (Contrapack)	Record Contrapack's allocated BN.	Visual Record Contrapacks BN:	VCOA00083-24	None
Description	Printed carton. BLUEPRINT BRIAN JOHNSON BC: 850052964139	Visual	Complies	None
Expiry date:	As indicated by the Customer. 1 Year from production date	Visual	01 Oct 2025	None
PRINTED SACHETS	Printed for BLUEPRINT Brian Johnson – 25 g	25 g	Complies	None
DISPLAY CARTON	Printed display. BC: 850052964139 12 x 25 g sachets front facing to display opening.	Visual	Complies	None
Shipper/Case	Printed shipper/case 20 cello wrapped displays per case	Visual	Complies	None
Shippers/ Cases	Check neatness and quality of sellotape.	Visual	Complies	None
Tested by	Lindiwe Msiza	Checked by	C. Bezuidenhout	
Date	09/10/2024	Date	09 October 2024	

TREATMENT & CERTIFICATE OF ANALYSIS OF STONE GROUND MACADAMIA NUTS

Consignee: HOUSE OF MACADAMIAS (PTY) LTD
Address: 132 EDISON CRESCENT, HENNOSPARK, CENTURION, PRETORIA,
Contract No: CCNT001258
PO No: PO1389

Seller Reference: SO0001336
Shipment Lot No: SO0001336-1

Macadamia Style	Processing Facility	Lot No.	Production Date	Quantity Cases	Quantity in Kgs
WIP_SGM_DRM - Pasteurised	White River	VCOA00083-24	Sep-2024	95	1 710.00
Grand Total				95	1 710.00

Analysis Performed: Type of analysis performed may differ with different customer requirements.

Microbiological Standards

E. Coli	Merck micro manual 12th Ed.	<=10 cfu/g
Mould Count	SANS 7954	100 cfu/g max
Salmonellae SPP	Vidas Ref 30 702	Absent / 375g
Total Coliforms	Merck micro manual 12th Ed.	<=100 cfu/g
Total Plate Count	SANS 4833	<=10 000 cfu/g
Yeast Count	SANS 7954	100 cfu/g max

Actual Results	
Min	Max
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
345.00	345.00
NOT DETECTED	NOT DETECTED

Chemical Standards

Aflatoxin (B1) (µg/kg)	AOAC 991.31	Less than 2 ppb
Aflatoxin (Total) (µg/kg)	AOAC 991.31	Less than 4 ppb
Free Fatty Acids (g/100g)	AOCS Ab 5-49	<=2 % oleic
Peroxide Value (meq O/kg)	AOCS Cd 8b-90	<=5 meq/kg oil

Min	Max
<0.58	<0.58
<0.58	<0.58
<0.11	<0.11
<0.11	<0.11

Kernel moisture content $< 1.8 + 0.1\%$

Organoleptic testing of raw macadamia kernel




Texture	Firm & crunchy
Appearance	Creamy, light golden kernels
Flavour/Odour	Delicate, typical of macadamia kernel, with no foreign odour or rancidity
Shell specification	Max 1 piece larger than 2mm/100kg

Note: Individual COA results available on request


Mallhee

Date 08 Oct 2024

Group QA Manager

	FOOD SAFETY ASSESSMENT MANUAL		Doc no.:	RC02.3C
	BLUEPRINT		Revision:	00
	MACADAMIS NUT PUREE ON THE GO 12 X 25 g DISPLAY'S		Date Effective:	27/9/2023
Prepared By: Christina Bezuidenhout	Approved By: Sakkie Roos		Page no.:	Page 1 of 1
Revision No: 00	Reason for revision: n/a			
Reviewed for suitability by: Christina Bezuidenhout		Checked by customer:		
CUSTOMER			PRODUCT RELEASE SPECIFICATION	

FINAL PRODUCT SPECIFICATION

BN	Date:			
TEST CRITERIA	SPEC	TARGET	TEST RESULT	COMMENTS
Batch no on bulk received	See CoA from 	Visual Record no:	VCOA00117 -24	None
Batch no printed on sachets and display (Contrapack)	Record Contrapack's allocated BN.	Visual Record Contrapacks BN:	VCOA00117-24	None
Description	Printed carton. BLUEPRINT BRIAN JOHNSON BC: 850052964139	Visual	Complies	None
Expiry date:	As indicated by the Customer. 1 Year from production date	Visual	08 November 2025	None
PRINTED SACHETS	Printed for BLUEPRINT Brian Johnson – 25 g	25 g	Complies	None
DISPLAY CARTON	Printed display. BC: 850052964139 12 x 25 g sachets front facing to display opening.	Visual	Complies	None
Shipper/Case	Printed shipper/case 20 cello wrapped displays per case	Visual	Complies	None
Shippers/ Cases	Check neatness and quality of sellotape.	Visual	Complies	None
Tested by	Lindiwe Msiza	Checked by	C. Bezuidenhout	
Date	9 December 2024	Date	9 December 2024	



GREEN FARMS NUT COMPANY (1993) (PTY) LTD

Reg. No. 1993/005146/07

25 PALM ST, WHITE RIVER, 1240, SOUTH AFRICA

TEL: +27 13 751 1686 – WWW.GFNC.CO.ZA

**TREATMENT & CERTIFICATE OF ANALYSIS OF STONE GROUND
MACADAMIA NUTS**

Consignee: CONTRAPACK
Address: 132 EDISON CRESCENT, HENNOPSPARK, CENTURION, PRETORIA,
Contract No: CCNT001257
PO No: PO # 1418

Seller Reference: SO0001369
Shipment Lot No: SO0001369-1

Macadamia Style	Processing Facility	Lot No.	Production Date	Quantity Cases	Quantity in Kgs
WIP_SGM_DRM - Pasteurised	White River	VCOA00117-24	Nov-2024	133	3 059.00
Grand Total				133	3 059.00

FDA Processing Facility Details

White River Factory: 15671189268
Address: Farm Etna, White River Forest Reserve, R40, White River, 1240, Mpumalanga, South Africa

Analysis Performed: Type of analysis performed may differ with different customer requirements.

Microbiological Standards**Test Method****GFNC Specification**

E. Coli	Merck micro manual 12th Ed.	<=10 cfu/g
Mould Count	SANS 7954	100 cfu/g max
Salmonellae SPP	Vidas Ref 30 702	Absent / 375g
Total Coliforms	Merck micro manual 12th Ed.	<=100 cfu/g
Total Plate Count	SANS 4833	<=10 000 cfu/g
Yeast Count	SANS 7954	100 cfu/g max

Actual Results	
Min	Max
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
NOT DETECTED	NOT DETECTED
200.00	200.00
NOT DETECTED	NOT DETECTED

Chemical Standards

Aflatoxin (B1) (µg/kg)	AOAC 991.31	Less than 2 ppb
Aflatoxin (Total) (µg/kg)	AOAC 991.31	Less than 4 ppb
Free Fatty Acids (g/100g)	AOCS Ab 5-49	<=2 % oleic
Peroxide Value (meq O/kg)	AOCS Cd 8b-90	<=5 meq/kg oil

Min	Max
<1.0	<1.0
<1.0	<1.0
0.16	0.16
0.35	0.35

Kernel moisture content < 1.5 ± 0.3 %

Organoleptic testing of raw macadamia kernel

Texture	Firm & crunchy
Appearance	Creamy, light golden kernels
Flavour/Odour	Delicate, typical of macadamia kernel, with no foreign odour or rancidity
Shell specification	Max 1 piece larger than 2mm/100kg

Note: Individual COA results available on request

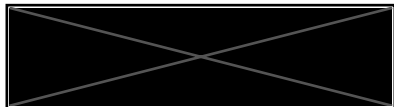



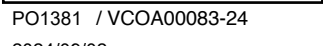
Group QA Manager

Date 18 Nov 2024

Certificate Of Analysis

Client Details

Our Lab Reference Number: 2024-09-02-026_02

	Tel: 
	Fax: 
Requested by: 	
E-mail Address: 	
PO Number: PO1381 / VCOA00083-24	
Date Received: 2024/09/02	Date Validated: 2024/09/05

Sample Details

Packhouse / PHC Code: -	Commodity: Macadamia	Laboratory Sample ID: BA49705
PUC Code: VCOA00083-24	Variety: -	Orchard No: -
Date Sampled:	Destination:	GGN/GLN:

Compound(s) Detected	Method Reference	Dimension	Result	Default Export MRL	LOQ
Piperonyl butoxide	S.O.P.C No 57	mg/kg	0.036	-	0.01

MRL = Maximum Residue Level

LOQ = Limit of Quantification

The following analyses were performed on sample BA49705

Multi-Residue Pesticide Screening (LC-MSMS + GC-MSMS) S.O.P.C No 57

Kernel style 7 (Paste)



R van Kerpel

05-September-2024

Date:

Confirmed by: Technical Signatory

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393



Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-026_02

The following list of pesticide residues were screened for in sample BA49705, but were not detected at concentrations (mg/kg) above their Limit of Quantification:

Compound	LOQ	Compound	LOQ	Compound	LOQ
1-Naphthaleneacetamide	0.01	Bitertanol	0.01	Cycloate	0.01
2,4,5-T*	0.01	Boscalid	0.01	Cycloxydim	0.01
2,4-D (Sum of free acid, salts, esters and conjugates)	0.01	Bromacil*	0.01	Cyfluthrin (Beta-Cyfluthrin)	0.01
2,4-DDD	0.01	Bromophos-ethyl	0.01	Cyhalothrin-Lambda	0.01
2,4-DDE	0.01	Bromophos-methyl	0.01	Cyhexatin (Azocyclotin)	0.01
2,4-DDT	0.01	Bromopropylate	0.005	Cymoxanil	0.01
2-Phenylphenol	0.01	Bromoxynil	0.01	Cypermethrin (Sum of Isomers)	0.01
4,4-DDD	0.01	Bromuconazole	0.01	Cyproconazole	0.01
4,4-DDE	0.01	Bupirimate	0.01	Cyprodinil	0.01
4,4-DDT	0.01	Buprofezin	0.01	Cyromazine	0.01
6 - Benzyladenine (6 - Benzylaminopurine)	0.01	Butylate	0.01	Deltamethrin	0.01
Abamectin	0.01	Cadusafos	0.01	Demeton-S-Methyl	0.01
Acephate	0.01	Captan	0.01	Diafenthiuron	0.01
Acetamiprid	0.01	Carbaryl	0.01	Diazinon	0.01
Acetochlor	0.01	Carbendazim (Sum of Carbendazim and Benomyl)	0.01	Dichlofluanid	0.01
Acibenzolar-S-methyl	0.01	Carbofuran	0.01	Dichlormid	0.01
Acrinathrin	0.01	Carboxin	0.01	Dichlorophen	0.01
Alachlor	0.01	Carfentrazone-ethyl	0.01	Dichlorprop (Sum of free acid, salts, esters and conjugates)	0.01
Alar (Daminozide)*	0.01	Chinomethionate	0.01	Dichlorvos (DDVP)	0.01
Aldicarb (Sum of Aldicarb, its Sulfoxide and Sulfone)	0.01	Chloramizol (Imazalil)	0.01	Diclobutrazol	0.01
Aldrin and Dieldrin (Aldrin and Dieldrin combined)	0.01	Chlorantraniliprole	0.01	Diclofop-Methyl	0.01
Allethrin	0.01	Chlordane	0.01	Dicloran	0.01
Alloxydim	0.01	Chlordimeform	0.01	Diclosulam	0.01
Ametoctradin	0.01	Chlorfenapyr	0.005	Dicofol	0.01
Amitraz	0.01	Chlorfenvinphos	0.01	Dicrotofos	0.01
Atrazine	0.01	Chlorfluazuron*	0.01	Didecyldimethylammonium Chloride	0.01
Azadirachtin	0.01	Chloridazon	0.01	Difenoconazole	0.01
Azinphos-ethyl	0.01	Chlorimuron-ethyl	0.01	Diflubenzuron	0.01
Azinphos-methyl	0.01	Chlorobenzilate	0.01	Diflufenican	0.01
Azoxystrobin	0.01	Chlorothalonil	0.01	Dimethoate	0.01
Benalaxyl	0.01	Chlorpyrifos	0.005	Dimethomorph	0.01
Bendiocarb	0.01	Chlorpyrifos-methyl	0.01	Dinobuton	0.01
Benfluralin	0.01	Chlorsulfuron	0.01	Dinocap	0.01
Bentazone*	0.01	Chlorthal-dimethyl	0.01	Dinoseb	0.01
Benthiavalicarb (Benthiavalicarb Isopropyl)	0.01	Clethodim	0.01	Dinotefuran	0.01
Benzoximate	0.01	Clofentezine	0.01	Diofenolan*	0.01
Bifenazate	0.01	Clomazone	0.01	Dioxathion	0.01
Bifenox	0.01	Clothianidin	0.01	Diphenylamine	0.01
Bifenthrin	0.01	Coumaphos	0.01	Disulfoton	0.01
		Cyanazine	0.01	Dithianon	0.01
		Cyanophos	0.01	Diuron	0.01
		Cyantraniliprole	0.01	Dodemorph Acetate	0.01



R van Kerpel

05-September-2024

Confirmed by: Technical Signatory

Date:

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393

Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-026_02

Dodine	0.01	Flumioxazin	0.01	Mandipropamid	0.01
Emamectin benzoate	0.01	Fluopicolide	0.01	MCPA	0.01
Endosulfan (Sum of alpha- and beta-isomers and Endosulfan-Sulphate)	0.01	Fluopyram	0.01	Mercaptothion	0.01
Endrin	0.01	Fluquinconazole	0.01	Metalaxyl	0.01
Epoxiconazole	0.01	Fluridone*	0.01	Metamitron	0.01
EPTC	0.01	Flurochloridone	0.01	Metazachlor	0.01
Etaconazole	0.01	Flusilazole	0.01	Methamidophos	0.05
Ethiofencarb	0.01	Flusulfamide	0.01	Methidathion	0.01
Ethiofencarb-Sulfone	0.01	Flutriafol	0.01	Methiocarb (Sum of Methiocarb, its Sulfoxide and Sulfone)	0.01
Ethion	0.01	Fluxapyroxad	0.01	Methomyl	0.01
Ethoprophos	0.01	Folpet	0.01	Methoxyfenozide	0.01
Ethoxyquin	0.01	Fomesafen	0.01	Metolachlor	0.01
Etofenprox	0.01	Forchlorfenuron	0.01	Metrafenone	0.01
Etoazole	0.01	Formetanate	0.01	Metribuzin	0.01
Famoxadone	0.01	Formothion	0.01	Mevinphos (Phosdrin)	0.01
Fenamidone	0.01	Fosthiazate	0.01	Monocrotophos	0.01
Fenamiphos (Sum of Fenamiphos, its Sulfoxide and Sulfone)	0.01	Gamma-BHC (HCH, Lindane)	0.01	Multi-Residue Pesticide Screening (LC-MSMS + GC-MSMS)	N/A
Fenarimol	0.01	Halosulfuron-methyl*	0.01	Myclobutanil	0.01
Fenazaquin	0.01	Haloxypop	0.01	Nicosulfuron	0.01
Fenbuconazole	0.01	Haloxypop-2-ethoxyethyl	0.01	Novaluron	0.01
Fenbutatin-Oxide	0.01	Haloxypop-methyl	0.01	Ofurace*	0.01
Fenhexamid	0.01	Heptachlor	0.01	Omethoate	0.01
Fenitrothion	0.01	Hexachlorobenzene	0.01	Oryzalin	0.01
Fenoxaprop-p-ethyl	0.01	Hexaconazole	0.01	Oxadiazon	0.01
Fenoxycarb	0.01	Hexazinone	0.01	Oxadixyl	0.01
Fenpropathrin	0.01	Hexythiazox	0.01	Oxamyl	0.01
Fenpyroximate	0.01	Hydramethylnon	0.01	Oxycarboxin	0.01
Fenthion	0.01	Imazamethabenz-methyl*	0.01	Oxydemeton-methyl (Sum of Oxydemeton-methyl and Demeton-S-methylsulfone)	0.01
Fentin Hydroxide	0.01	Imazamox	0.01	Oxyfluorfen	0.01
Fenvalerate (Any ratio of constituent isomers including Esfenvalerate)	0.01	Imazapyr	0.01	Paclobutrazol	0.01
Fipronil	0.01	Imazaquin	0.01	Parathion	0.01
Flamprop-methyl	0.01	Imazethapyr	0.01	Parathion-methyl	0.01
Flazasulfuron*	0.01	Imidacloprid	0.01	Penconazole	0.01
Florasulam	0.01	Imiprothrin	0.01	Pencycuron	0.01
Fluazifop-p	0.01	Indoxacarb	0.01	Pendimethalin	0.01
Fluazifop-p-butyl	0.01	Ioxynil	0.01	Permethrin	0.01
Fluazinam	0.01	Iprodione	0.01	Phenothrin*	0.01
Flubendiamide	0.01	Iprovalicarb	0.01	Phenthoate	0.01
Flucarbazone-Na*	0.01	Isazophos	0.01	Phorate	0.01
Fludioxonil	0.01	Isofenphos	0.01	Phosalone	0.01
Flufenacet	0.01	Isoxaben*	0.01	Phosmet	0.01
Flufenoxuron	0.01	Isoxaflutole	0.01	Phosphamidon	0.01
Flumetsulam*	0.01	Kepone	0.01	Phoxim	0.01
		Kresoxim-methyl	0.01	Pirimicarb	0.01
		Leptophos	0.01		
		Linuron*	0.01		
		Lufenuron	0.01		



R van Kerpel

05-September-2024

Confirmed by: Technical Signatory

Date:

Only the final concentration of Methamidophos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393

Certificate Of Analysis

Our Lab Reference Number: 2024-09-02-026_02

Pirimiphos-methyl	0.01	Tebufenozide	0.01
Prallethrin	0.01	Tebuthiuron	0.01
Pretilachlor	0.01	Teflubenzuron	0.01
Prochloraz	0.01	Tefluthrin	0.01
Procymidone	0.01	Temephos	0.01
Profenofos	0.01	Tepraloxymid	0.01
Prometon	0.01	Terbacil	0.01
Prometryn	0.01	Terbufos	0.01
Propachlor	0.01	Terbuthylazine	0.01
Propamocarb	0.01	Terbutryn	0.01
Propaquizafop	0.01	Tetraconazole	0.01
Propargite	0.01	Tetradifon	0.01
Propazine	0.01	Tetramethrin	0.01
Propiconazole	0.01	Thiabendazole	0.01
Propoxur	0.01	Thiacloprid	0.01
Propyzamide	0.01	Thiamethoxam	0.01
Proquinazid	0.01	Thidiazuron	0.01
Prosulfocarb	0.01	Thifensulfuron-methyl	0.01
Prosulfuron	0.01	Thiodicarb	0.01
Prothioconazole	0.01	Thiophanate-methyl	0.01
Prothiofos	0.01	Tolclofos-methyl	0.01
Pyraclostrobin	0.01	Tolyfluanid	0.01
Pyraflufen-Ethyl*	0.01	Tralkoxydim	0.01
Pyrazophos	0.01	Transfluthrin	0.01
Pyrethrins	0.01	Triadimefon	0.01
Pyridalyl	0.01	Triadimenol (Any ratio of constituent isomers)	0.01
Pyrifeno	0.01	Triallate	0.01
Pyrimethanil	0.01	Triasulfuron	0.01
Pyriproxyfen	0.01	Triazophos	0.01
Quinalphos	0.01	Tribenuron-methyl	0.01
Quinoxifen	0.01	Trichlorfon	0.005
Quintozene	0.01	Tridemorph*	0.01
Quizalofop-P-Ethyl	0.01	Trifloxystrobin	0.01
Resmethrin	0.01	Triflumuron	0.01
Rimsulfuron	0.01	Trifluralin	0.01
Saflufenacil*	0.01	Triforine	0.01
Sethoxydim	0.01	Trinexapac-ethyl	0.01
Simazine	0.01	Triticonazole	0.01
Spinetoram	0.01	Uniconazole-P	0.01
Spinosad	0.01	Vamidothion	0.01
Spirodiclofen	0.01	Vinclozolin	0.01
Spirotetramat (incl 4 metabolites)	0.01	Zoxamide	0.01
Spiroxamine	0.01		
Sulfentrazone	0.01		
Sulfoxaflor	0.01		
Tau-Fluvalinate	0.01		
Tebuconazole	0.01		



R van Kerpel

05-September-2024

Confirmed by: Technical Signatory

Date:

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



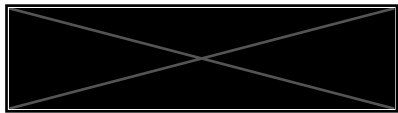



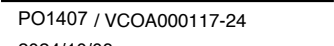
T0393



Certificate Of Analysis

Client Details

Our Lab Reference Number: 2024-10-03-035

	Tel: 
	Fax: 
Requested by: 	
E-mail Address: 	
PO Number: PO1407 / VCOA000117-24	
Date Received: 2024/10/03	Date Validated: 2024/10/07

Sample Details

Packhouse / PHC Code: -	Commodity: Macadamia Nuts	Laboratory Sample ID: BA72281
PUC Code: - VCOA000117-24	Variety: Kernal Style 7 (BP Paste)	Orchard No: -
Date Sampled:	Destination:	GGN/GLN:

Compound(s) Detected	Method Reference	Dimension	Result	Default Export MRL	LOQ
----------------------	------------------	-----------	--------	--------------------	-----

No residue(s) detected

MRL = Maximum Residue Level

LOQ = Limit of Quantification

The following analyses were performed on sample BA72281

Multi-Residue Pesticide Screening (LC-MSMS + GC-MSMS)

S.O.P.C No 57



S Els

07-October-2024

Date:

Confirmed by: Technical Signatory

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393



Certificate Of Analysis

Our Lab Reference Number: 2024-10-03-035

The following list of pesticide residues were screened for in sample BA72281, but were not detected at concentrations (mg/kg) above their Limit of Quantification:

Compound	LOQ	Compound	LOQ	Compound	LOQ
1-Naphthaleneacetamide	0.01	Bitertanol	0.01	Cycloate	0.01
2,4,5-T*	0.01	Boscalid	0.01	Cycloxydim	0.01
2,4-D (Sum of free acid, salts, esters and conjugates)	0.01	Bromacil*	0.01	Cyfluthrin (Beta-Cyfluthrin)	0.01
2,4-DDD	0.01	Bromophos-ethyl	0.01	Cyhalothrin-Lambda	0.01
2,4-DDE	0.01	Bromophos-methyl	0.01	Cyhexatin (Azocyclotin)	0.01
2,4-DDT	0.01	Bromopropylate	0.005	Cymoxanil	0.01
2-Phenylphenol	0.01	Bromoxynil	0.01	Cypermethrin (Sum of Isomers)	0.01
4,4-DDD	0.01	Bromuconazole	0.01	Cyproconazole	0.01
4,4-DDE	0.01	Bupirimate	0.01	Cyprodinil	0.01
4,4-DDT	0.01	Buprofezin	0.01	Cyromazine	0.01
6 - Benzyladenine (6 - Benzylaminopurine)	0.01	Butylate	0.01	Deltamethrin	0.01
Abamectin	0.01	Cadusafos	0.01	Demeton-S-Methyl	0.01
Acephate	0.01	Captan	0.01	Diafenthiuron	0.01
Acetamiprid	0.01	Carbaryl	0.01	Diazinon	0.01
Acetochlor	0.01	Carbendazim (Sum of Carbendazim and Benomyl)	0.01	Dichlofluanid	0.01
Acibenzolar-S-methyl	0.01	Carbofuran	0.01	Dichlormid	0.01
Acrinathrin	0.01	Carboxin	0.01	Dichlorophen	0.01
Alachlor	0.01	Carfentrazone-ethyl	0.01	Dichlorprop (Sum of free acid, salts, esters and conjugates)	0.01
Alar (Daminozide)*	0.01	Chinomethionate	0.01	Dichlorvos (DDVP)	0.01
Aldicarb (Sum of Aldicarb, its Sulfoxide and Sulfone)	0.01	Chloramizol (Imazalil)	0.01	Diclobutrazol	0.01
Aldrin and Dieldrin (Aldrin and Dieldrin combined)	0.01	Chlorantraniliprole	0.01	Diclofop-Methyl	0.01
Allethrin	0.01	Chlordane	0.01	Dicloran	0.01
Alloxydim	0.01	Chlordimeform	0.01	Diclosulam	0.01
Ametoctradin	0.01	Chlorfenapyr	0.005	Dicofol	0.01
Amitraz	0.01	Chlorfenvinphos	0.01	Dicrotofos	0.01
Atrazine	0.01	Chlorfluazuron*	0.01	Didecyldimethylammonium Chloride	0.01
Azadirachtin	0.01	Chloridazon	0.01	Difenoconazole	0.01
Azinphos-ethyl	0.01	Chlorimuron-ethyl	0.01	Diflubenzuron	0.01
Azinphos-methyl	0.01	Chlorobenzilate	0.01	Diflufenican	0.01
Azoxystrobin	0.01	Chlorothalonil	0.01	Dimethoate	0.01
Benalaxyl	0.01	Chlorpyrifos	0.005	Dimethomorph	0.01
Bendiocarb	0.01	Chlorpyrifos-methyl	0.01	Dinobuton	0.01
Benfluralin	0.01	Chlorsulfuron	0.01	Dinocap	0.01
Bentazone*	0.01	Chlorthal-dimethyl	0.01	Dinoseb	0.01
Benthiavalicarb (Benthiavalicarb Isopropyl)	0.01	Clethodim	0.01	Dinotefuran	0.01
Benzoximate	0.01	Clofentezine	0.01	Diofenolan*	0.01
Bifenazate	0.01	Clomazone	0.01	Dioxathion	0.01
Bifenox	0.01	Clothianidin	0.01	Diphenylamine	0.01
Bifenthrin	0.01	Coumaphos	0.01	Disulfoton	0.01
		Cyanazine	0.01	Dithianon	0.01
		Cyanophos	0.01	Diuron	0.01
		Cyantraniliprole	0.01	Dodemorph Acetate	0.01



S Els

07-October-2024

Date:

Confirmed by: Technical Signatory

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393

Certificate Of Analysis

Our Lab Reference Number: 2024-10-03-035

Dodine	0.01	Flumioxazin	0.01	Mandipropamid	0.01
Emamectin benzoate	0.01	Fluopicolide	0.01	MCPA	0.01
Endosulfan (Sum of alpha- and beta-isomers and Endosulfan-Sulphate)	0.01	Fluopyram	0.01	Mercaptothion	0.01
Endrin	0.01	Fluquinconazole	0.01	Metalaxyl	0.01
Epoxiconazole	0.01	Fluridone*	0.01	Metamitron	0.01
EPTC	0.01	Flurochloridone	0.01	Metazachlor	0.01
Etaconazole	0.01	Flusilazole	0.01	Methamidophos	0.05
Ethiofencarb	0.01	Flusulfamide	0.01	Methidathion	0.01
Ethiofencarb-Sulfone	0.01	Flutriafol	0.01	Methiocarb (Sum of Methiocarb, its Sulfoxide and Sulfone)	0.01
Ethion	0.01	Fluxapyroxad	0.01	Methomyl	0.01
Ethoprophos	0.01	Folpet	0.01	Methoxyfenozide	0.01
Ethoxyquin	0.01	Fomesafen	0.01	Metolachlor	0.01
Etofenprox	0.01	Forchlorfenuron	0.01	Metrafenone	0.01
Etoazole	0.01	Formetanate	0.01	Metribuzin	0.01
Famoxadone	0.01	Formothion	0.01	Mevinphos (Phosdrin)	0.01
Fenamidone	0.01	Fosthiazate	0.01	Monocrotophos	0.01
Fenamiphos (Sum of Fenamiphos, its Sulfoxide and Sulfone)	0.01	Gamma-BHC (HCH, Lindane)	0.01	Multi-Residue Pesticide Screening (LC-MSMS + GC-MSMS)	N/A
Fenarimol	0.01	Halosulfuron-methyl*	0.01	Myclobutanil	0.01
Fenazaquin	0.01	Haloxypop	0.01	Nicosulfuron	0.01
Fenbuconazole	0.01	Haloxypop-2-ethoxyethyl	0.01	Novaluron	0.01
Fenbutatin-Oxide	0.01	Haloxypop-methyl	0.01	Ofurace*	0.01
Fenhexamid	0.01	Heptachlor	0.01	Omethoate	0.01
Fenitrothion	0.01	Hexachlorobenzene	0.01	Oryzalin	0.01
Fenoxaprop-p-ethyl	0.01	Hexaconazole	0.01	Oxadiazon	0.01
Fenoxycarb	0.01	Hexazinone	0.01	Oxadixyl	0.01
Fenpropathrin	0.01	Hexythiazox	0.01	Oxamyl	0.01
Fenpyroximate	0.01	Hydramethylnon	0.01	Oxycarboxin	0.01
Fenthion	0.01	Imazamethabenz-methyl*	0.01	Oxydemeton-methyl (Sum of Oxydemeton-methyl and Demeton-S-methylsulfone)	0.01
Fentin Hydroxide	0.01	Imazamox	0.01	Oxyfluorfen	0.01
Fenvalerate (Any ratio of constituent isomers including Esfenvalerate)	0.01	Imazapyr	0.01	Paclobutrazol	0.01
Fipronil	0.01	Imazaquin	0.01	Parathion	0.01
Flamprop-methyl	0.01	Imazethapyr	0.01	Parathion-methyl	0.01
Flazasulfuron*	0.01	Imidacloprid	0.01	Penconazole	0.01
Florasulam	0.01	Indoxacarb	0.01	Pencycuron	0.01
Fluazifop-p	0.01	Ioxynil	0.01	Pendimethalin	0.01
Fluazifop-p-butyl	0.01	Iprodione	0.01	Permethrin	0.01
Fluazinam	0.01	Iprovalicarb	0.01	Phenothrin*	0.01
Flubendiamide	0.01	Isazophos	0.01	Phenthoate	0.01
Flucarbazone-Na*	0.01	Isofenphos	0.01	Phorate	0.01
Fludioxonil	0.01	Isoxaben*	0.01	Phosalone	0.01
Flufenacet	0.01	Isoxaflutole	0.01	Phosmet	0.01
Flufenoxuron	0.01	Kepone	0.01	Phosphamidon	0.01
Flumetsulam*	0.01	Kresoxim-methyl	0.01	Phoxim	0.01
		Leptophos	0.01	Piperonyl butoxide	0.01
		Linuron*	0.01		
		Lufenuron	0.01		



S Els

07-October-2024

Confirmed by: Technical Signatory

Date:

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393

Certificate Of Analysis

Our Lab Reference Number: 2024-10-03-035

Pirimicarb	0.01	Tebuconazole	0.01
Pirimiphos-methyl	0.01	Tebufozide	0.01
Prallethrin	0.01	Tebuthiuron	0.01
Pretilachlor	0.01	Teflubenzuron	0.01
Prochloraz	0.01	Tefluthrin	0.01
Procymidone	0.01	Temephos	0.01
Profenofos	0.01	Tepraloxym	0.01
Prometon	0.01	Terbacil	0.01
Prometryn	0.01	Terbufos	0.01
Propachlor	0.01	Terbutylazine	0.01
Propamocarb	0.01	Terbutryn	0.01
Propaquizafop	0.01	Tetraconazole	0.01
Propargite	0.01	Tetradifon	0.01
Propazine	0.01	Tetramethrin	0.01
Propiconazole	0.01	Thiabendazole	0.01
Propoxur	0.01	Thiacloprid	0.01
Propyzamide	0.01	Thiamethoxam	0.01
Proquinazid	0.01	Thidiazuron	0.01
Prosulfocarb	0.01	Thifensulfuron-methyl	0.01
Prosulfuron	0.01	Thiodicarb	0.01
Prothioconazole	0.01	Thiophanate-methyl	0.01
Prothiofos	0.01	Tolclofos-methyl	0.01
Pyraclostrobin	0.01	Tolyfluanid	0.01
Pyraflufen-Ethyl*	0.01	Tralkoxydim	0.01
Pyrazophos	0.01	Transfluthrin	0.01
Pyrethrins	0.01	Triadimefon	0.01
Pyridalyl	0.01	Triadimenol (Any ratio of constituent isomers)	0.01
Pyrifenox	0.01	Triallate	0.01
Pyrimethanil	0.01	Triasulfuron	0.01
Pyriproxyfen	0.01	Triazophos	0.01
Quinalphos	0.01	Tribenuron-methyl	0.01
Quinoxifen	0.01	Trichlorfon	0.005
Quintozene	0.01	Tridemorph*	0.01
Quizalofop-P-Ethyl	0.01	Trifloxystrobin	0.01
Resmethrin	0.01	Triflumuron	0.01
Rimsulfuron	0.01	Trifluralin	0.01
Salfufenacil*	0.01	Triforine	0.01
Sethoxydim	0.01	Trinexapac-ethyl	0.01
Simazine	0.01	Triticonazole	0.01
Spinetoram	0.01	Uniconazole-P	0.01
Spinosad	0.01	Vamidothion	0.01
Spirodiclofen	0.01	Vinclozolin	0.01
Spirotetramat (incl 4 metabolites)	0.01	Zoxamide	0.01
Spiroxamine	0.01		
Sulfentrazone	0.01		
Sulfoxaflor	0.01		
Tau-Fluvalinate	0.01		



S Els

07-October-2024

Confirmed by: Technical Signatory

Date:

Only the final concentration of Methamidaphos is corrected for recovery.
The stone weight is taken into account when calculating results for stone fruit commodities.

* = Not SANAS Accredited.

Results marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this laboratory. These results relate only to the items tested. These results applies to the samples as received. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



T0393