



Analytical Report

Norwest Labs
#104, 19575-55 A Ave.
Surrey, BC. V3S 8P8
Phone: (604) 514-3322
Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
108 - 1680 Broadway Street
Port Coquitlam, BC, Canada
V3C 2M8
Attn: Kyuheon Lee
Sampled By:
Company:

Project
ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **345718**
Control Number: E 191177
Date Received: Nov 09, 2004
Date Reported: Nov 16, 2004
Report Number: 627105

NWL Number 345718-1
Sample Description Bionatrol
Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Multiresidue Pesticides in Tissue					
Bifenox	mg/kg	<0.05			0.05
Bromacil	mg/kg	<0.05			0.05
Bromopropylate	mg/kg	<0.05			0.05
Butralin	mg/kg	<0.05			0.05
Carboxin	mg/kg	<0.05			0.05
Chinomethionate	mg/kg	<0.05			0.05
Chlorbromuron	mg/kg	<0.05			0.05
Chlordimeform	mg/kg	<0.05			0.05
Chlorobenzilate	mg/kg	<0.05			0.05
Clomazone	mg/kg	<0.05			0.05
Coumaphos	mg/kg	<0.05			0.05
Crotoxyphos	mg/kg	<0.05			0.05
Crufomate	mg/kg	<0.05			0.05
Cypermethrin	mg/kg	<0.05			0.05
Cyprazine	mg/kg	<0.05			0.05
Deltamethrin	mg/kg	<0.05			0.05
Demeton-s-methyl	mg/kg	<0.05			0.05
Dialifos	mg/kg	<0.05			0.05
Dichloran	mg/kg	<0.05			0.05
Dimethachlor	mg/kg	<0.05			0.05
Dinitramine	mg/kg	<0.05			0.05
Diphenamid	mg/kg	<0.05			0.05
Dylox	mg/kg	<0.05			0.05
Ethofumesate	mg/kg	<0.05			0.05
Etrimfos	mg/kg	<0.05			0.05
Fenamiphos	mg/kg	<0.05			0.05
Fenson	mg/kg	<0.05			0.05
Fensulfothion	mg/kg	<0.05			0.05
Fenvalerate	mg/kg	<0.05			0.05
Fluchloralin	mg/kg	<0.05			0.05
Heptenophos	mg/kg	<0.05			0.05
Iprodione	mg/kg	<0.05			0.05
Leptophos	mg/kg	<0.05			0.05
Linuron	mg/kg	<0.05			0.05
Metazachlor	mg/kg	<0.05			0.05
Methamidophos	mg/kg	<0.05			0.05



Analytical Report

Norwest Labs
#104, 19575-55 A Ave.
Surrey, BC. V3S 8P8
Phone: (604) 514-3322
Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
108 - 1680 Broadway Street
Port Coquitlam, BC, Canada
V3C 2M8
Attn: Kyuheon Lee
Sampled By:
Company:

Project ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 345718
Control Number: E 191177
Date Received: Nov 09, 2004
Date Reported: Nov 16, 2004
Report Number: 627105

NWL Number 345718-1
Sample Description Bionatrol
Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Multiresidue Pesticides in Tissue - Continued					
Methoprene	mg/kg	<0.05			0.05
Metobromuron	mg/kg	<0.05			0.05
Monocrotophos	mg/kg	<0.05			0.05
Monolinuron	mg/kg	<0.05			0.05
Myclobutanil	mg/kg	<0.05			0.05
Norflurazon	mg/kg	<0.05			0.05
Paraoxon	mg/kg	<0.05			0.05
Pebulate	mg/kg	<0.05			0.05
Prometon	mg/kg	<0.05			0.05
Propanil	mg/kg	<0.05			0.05
Propargite	mg/kg	<0.05			0.05
Propiconazole	mg/kg	<0.05			0.05
Prothiofos	mg/kg	<0.05			0.05
Pyridaben	mg/kg	<0.05			0.05
Tebuconazole	mg/kg	<0.05			0.05
Terbacil	mg/kg	<0.05			0.05
Tetramethrin	mg/kg	<0.05			0.05
Triadimenol	mg/kg	<0.05			0.05
Triazophos	mg/kg	<0.05			0.05
Vernolate	mg/kg	<0.05			0.05
Organochlorine Pesticides in Tissue					
Aldrin	mg/kg	<0.05			0.05
BHC (alpha isomer)	mg/kg	<0.05			0.05
BHC (beta isomer)	mg/kg	<0.05			0.05
BHC (delta isomer)	mg/kg	<0.05			0.05
Captan	mg/kg	<0.5			0.5
Chlorbenside	mg/kg	<0.05			0.05
Chlordane-cis	mg/kg	<0.05			0.05
Chlordane-trans	mg/kg	<0.05			0.05
Chlorfenson	mg/kg	<0.05			0.05
Chlorothalonil	mg/kg	<0.3			0.3
Chlorthal-dimethyl	mg/kg	<0.05			0.05
DDD-o,p'	mg/kg	<0.05			0.05
DDD-p,p'	mg/kg	<0.05			0.05
DDE-o,p'	mg/kg	<0.05			0.05
DDE-p,p'	mg/kg	<0.05			0.05



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
 108 - 1680 Broadway Street
 Port Coquitlam, BC, Canada
 V3C 2M8
 Attn: Kyuheon Lee
 Sampled By:
 Company:

Project ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 345718
 Control Number: E 191177
 Date Received: Nov 09, 2004
 Date Reported: Nov 16, 2004
 Report Number: 627105

NWL Number 345718-1
 Sample Description Bionatrol
 Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Organochlorine Pesticides in Tissue - Continued					
DDT-o,p'	mg/kg	<0.05			0.05
DDT-p,p'	mg/kg	<0.05			0.05
Dichlofluanid	mg/kg	<0.05			0.05
Dicofol	mg/kg	<0.5			0.5
Dieldrin	mg/kg	<0.05			0.05
Endosulfan I	mg/kg	<0.05			0.05
Endosulfan II	mg/kg	<0.05			0.05
Endosulfan sulfate	mg/kg	<0.05			0.05
Endrin	mg/kg	<0.05			0.05
Folpet	mg/kg	<0.5			0.5
Heptachlor	mg/kg	<0.05			0.05
Heptachlor Epoxide	mg/kg	<0.05			0.05
Hexachlorobenzene	mg/kg	<0.05			0.05
Lindane	mg/kg	<0.05			0.05
Methoxychlor	mg/kg	<0.05			0.05
Mirex	mg/kg	<0.05			0.05
Nitrofen	mg/kg	<0.05			0.05
Permethrin-cis	mg/kg	<0.05			0.05
Permethrin-trans	mg/kg	<0.05			0.05
Procymidone	mg/kg	<0.05			0.05
Propachlor	mg/kg	<0.05			0.05
Quintozone	mg/kg	<0.05			0.05
Tecnazene	mg/kg	<0.05			0.05
Tetradifon	mg/kg	<0.05			0.05
Tolyfluanid	mg/kg	<0.05			0.05
Triadimefon	mg/kg	<0.05			0.05
Vinclozolin	mg/kg	<0.05			0.05
Organochlorine Pesticides -Tissue- Surrogate Re					
TPP	Surrogate	%	45		50-150
Organophosphate Pesticides in Tissue					
Acephate	mg/kg	<0.05			0.05
Aspon	mg/kg	<0.05			0.05
Azinphos-ethyl	mg/kg	<0.05			0.05
Bromophos	mg/kg	<0.05			0.05
Bromophos-ethyl	mg/kg	<0.05			0.05
Carbophenothion	mg/kg	<0.05			0.05



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
 108 - 1680 Broadway Street
 Port Coquitlam, BC, Canada
 V3C 2M8
 Attn: Kyuheon Lee
 Sampled By:
 Company:

Project ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 345718
 Control Number: E 191177
 Date Received: Nov 09, 2004
 Date Reported: Nov 16, 2004
 Report Number: 627105

Page: 4 of 7

NWL Number 345718-1
 Sample Description Bionatrol
 Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Organophosphate Pesticides in Tissue - Continu					
Chlorfenvinphos-cis	mg/kg	<0.05			0.05
Chlorfenvinphos-trans	mg/kg	<0.05			0.05
Chlorfenvinphos	mg/kg	<0.05			0.05
Chlormephos	mg/kg	<0.05			0.05
Chlorpyrifos	mg/kg	<0.05			0.05
Chlorpyrifos-methyl	mg/kg	<0.05			0.05
Chlorthiophos	mg/kg	<0.05			0.05
Cyanophos	mg/kg	<0.05			0.05
Demeton	mg/kg	<0.05			0.05
Diazinon	mg/kg	<0.05			0.05
Dichlofenthion	mg/kg	<0.05			0.05
Dichlorvos	mg/kg	<0.05			0.05
Dicrotophos	mg/kg	<0.05			0.05
Dimethoate	mg/kg	<0.05			0.05
Dioxathion	mg/kg	<0.05			0.05
Disulfoton	mg/kg	<0.05			0.05
EPN	mg/kg	<0.05			0.05
Ethion	mg/kg	<0.05			0.05
Fenchlorphos	mg/kg	<0.05			0.05
Fenitrothion	mg/kg	<0.05			0.05
Fenthion	mg/kg	<0.05			0.05
Fonofos	mg/kg	<0.05			0.05
Isofenphos	mg/kg	<0.05			0.05
Malaoxon	mg/kg	<0.05			0.05
Malathion	mg/kg	<0.05			0.05
Methyl Parathion	mg/kg	<0.05			0.05
Mevinphos-cis	mg/kg	<0.05			0.05
Mevinphos-trans	mg/kg	<0.05			0.05
Mevinphos	mg/kg	<0.05			0.05
Omethoate	mg/kg	<0.05			0.05
Parathion	mg/kg	<0.05			0.05
Phorate	mg/kg	<0.05			0.05
Phosalone	mg/kg	<0.05			0.05
Phosmet	mg/kg	<0.05			0.05
Phosphamidon	mg/kg	<0.05			0.05
Pirimiphos-ethyl	mg/kg	<0.05			0.05



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
 108 - 1680 Broadway Street
 Port Coquitlam, BC, Canada
 V3C 2M8
 Attn: Kyuheon Lee
 Sampled By:
 Company:

Project ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 345718
 Control Number: E 191177
 Date Received: Nov 09, 2004
 Date Reported: Nov 16, 2004
 Report Number: 627105

NWL Number 345718-1
 Sample Description Bionatrol
 Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Organophosphate Pesticides in Tissue - Continu					
Pirimiphos-methyl	mg/kg	<0.05			0.05
Profenofos	mg/kg	<0.05			0.05
Pyrazophos	mg/kg	<0.05			0.05
Quinalophos	mg/kg	<0.05			0.05
Sulfotep	mg/kg	<0.05			0.05
Terbufos	mg/kg	<0.05			0.05
Tetrachlorvinphos	mg/kg	<0.05			0.05
Organophosphate Pesticides -Tissue- Surrogate F					
TPP	Surrogate %	45			50-150
Neutral Herbicides in Tissue					
Alachlor	mg/kg	<0.05			0.05
Atrazine	mg/kg	<0.05			0.05
Benfluralin	mg/kg	<0.05			0.05
Butylate	mg/kg	<0.05			0.05
Chlorpropham	mg/kg	<0.05			0.05
Cyanazine	mg/kg	<0.05			0.05
Desethyl Atrazine	mg/kg	<0.05			0.05
Desmetryn	mg/kg	<0.05			0.05
Diallate	mg/kg	<0.05			0.05
Dichlobenil	mg/kg	<0.05			0.05
Diclofop-methyl	mg/kg	<0.05			0.05
Diphenylamine	mg/kg	<0.05			0.05
Eptam (EPTC)	mg/kg	<0.05			0.05
Ethalfuralin	mg/kg	<0.05			0.05
Fenoxaprop-ethyl	mg/kg	<0.05			0.05
Fluazifop-p-butyl	mg/kg	<0.05			0.05
Hexazinone	mg/kg	<0.05			0.05
Metalaxyl	mg/kg	<0.05			0.05
Metolachlor	mg/kg	<0.05			0.05
Metribuzin	mg/kg	<0.05			0.05
Pirimicarb	mg/kg	<0.05			0.05
Profluralin	mg/kg	<0.05			0.05
Prometryn	mg/kg	<0.05			0.05
Propazine	mg/kg	<0.05			0.05
Propyzamide	mg/kg	<0.05			0.05
Quizalofop-ethyl	mg/kg	<0.05			0.05



Analytical Report

Norwest Labs
#104, 19575-55 A Ave.
Surrey, BC. V3S 8P8
Phone: (604) 514-3322
Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
108 - 1680 Broadway Street
Port Coquitlam, BC, Canada
V3C 2M8
Attn: Kyuheon Lee
Sampled By:
Company:

Project
ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: **345718**
Control Number: E 191177
Date Received: Nov 09, 2004
Date Reported: Nov 16, 2004
Report Number: 627105

NWL Number 345718-1
Sample Description Bionatrol
Matrix Soil - general

Analyte	Units	Results	Results	Results	Detection Limit
Neutral Herbicides in Tissue - Continued					
Simazine	mg/kg	<0.05			0.05
Terbutylazine	mg/kg	<0.05			0.05
Terbutryn	mg/kg	<0.05			0.05
Triallate	mg/kg	<0.05			0.05
Trifluralin	mg/kg	<0.05			0.05
Neutral Herbicides - Tissue - Surrogate Recovery					
TPP	Surrogate %	45			50-150
Carbamates in Tissue					
3-Hydroxycarbofuran	mg/kg	<0.05			0.05
Aldicarb	mg/kg	<0.05			0.05
Aldicarb sulfone	mg/kg	<0.05			0.05
Aldicarb sulfoxide	mg/kg	<0.05			0.05
Bendiocarb	mg/kg	<0.05			0.05
BPMC	mg/kg	<0.05			0.05
Carbaryl	mg/kg	<0.05			0.05
Carbofuran	mg/kg	<0.05			0.05
Imidacloprid	mg/kg	<0.05			0.05
Methiocarb	mg/kg	<0.05			0.05
Methomyl	mg/kg	<0.05			0.05
Oxamyl	mg/kg	<0.05			0.05
Promecarb	mg/kg	<0.05			0.05
Propoxur	mg/kg	<0.05			0.05

Approved by:

Marie England
Consulting Scientist



Methodology and Notes

Norwest Labs
#104, 19575-55 A Ave.
Surrey, BC. V3S 8P8
Phone: (604) 514-3322
Fax: (604) 514-3323

Bill to: NTS Research & Inc.
Report to: NTS Research & Inc.
108 - 1680 Broadway Street
Port Coquitlam, BC, Canada
V3C 2M8
Attn: Kyuheon Lee
Sampled By:
Company:

Project ID:
Name: Bionatrol
Location:
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 345718
Control Number: E 191177
Date Received: Nov 09, 2004
Date Reported: Nov 16, 2004
Report Number: 627105

Method of Analysis:

MethodName	Reference	Method	Date Analysis Started	Location
Carbamates - Tissue	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	16-Nov-04	Norwest Labs Calgary
FV2 Pesticides - Tissue	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	16-Nov-04	Norwest Labs Calgary
Neutral Herbicides - Tissue	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	16-Nov-04	Norwest Labs Calgary
Organochlorine Pesticides - Tissue	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	16-Nov-04	Norwest Labs Calgary
Organochlorine Pesticides - Tissue	US EPA	* OC Pesticides by Gas Chromatography, 8081A	16-Nov-04	Norwest Labs Calgary
Organophosphate Pesticides - Tissue	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	16-Nov-04	Norwest Labs Calgary

* Norwest method(s) is based on reference method

References:

JAOAC J. Assoc. Off. Anal. Chem.
US EPA US Environmental Protection Agency Test Methods

Comments:

Please direct any inquiries regarding this report to our Client Services group.
Results relate only to samples as submitted

The test report shall not be reproduced except in full, without the written approval of the laboratory