

Analytical Report

August 15, 2014

Client:

PureCircle Snd. Bhd.
PT 23419 Bandar Enek
Negeri Sembilan, 71760

Phone: + 606-791-2222

Fax: + 606-791-3333

Email: PureCircle Group

Project No:

PO No:

Client Sample ID: PT 170513

EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-OC1

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/12/2014

Comments:

ND = None Detected at the Reporting Limit (RL)
Tolerance data taken from 40 CFR § 180. Environmental Micro Analysis, Inc. makes no
claims as to the accuracy of tolerance numbers.
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report. Special storage arrangements possible.
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Micro Analysis, Inc.

Analyte	Amount	RL ppm	Tolerance ppm
Acrinathrin	ND	0.010	
Aldrin	ND	0.010	
alpha-BHC	ND	0.010	
Atrazine	ND	0.010	
Benfluralin	ND	0.010	
beta-Chlordane	ND	0.010	
Bifenthrin	ND	0.010	
Boscalid	ND	0.010	
Bromopropylate	ND	0.010	
Captan	ND	0.010	
Chlorodimethform	ND	0.010	
Chlorobenzilate	ND	0.010	
Chloroneb	ND	0.010	
Chlorthal Dimethyl	ND	0.010	
Chlorothalonil	ND	0.010	
CIPC	ND	0.010	
cis-Chlordane	ND	0.010	
cis-Nonachlor	ND	0.010	
cis-Permethrin	ND	0.010	
Clomazone	ND	0.010	
Cyanazine	ND	0.010	
Cypermethrin	ND	0.010	
Cyproconazole	ND	0.010	
Deltamethrin	ND	0.010	
delta-BHC	ND	0.010	
Diallate-1	ND	0.010	
Diallate-2	ND	0.010	
3,4-Dichloroaniline	ND	0.010	
Dichlobenil	ND	0.010	
Dichlofluanid	ND	0.010	
Dichloran	ND	0.010	
Dieldrin	ND	0.010	
Difenoconazole 1, 2	ND	0.010	
Dimethachlor	ND	0.010	
Dimethmorph 1, 2	ND	0.010	
Dinitramine	ND	0.010	
Dursban	ND	0.010	
Endosulfan Sulfate	ND	0.010	
Endosulfan-I	ND	0.010	
Endosulfan-II	ND	0.010	
Endrin	ND	0.010	
Epoxiconazole	ND	0.010	
Etaconazole-1	ND	0.010	
Etaconazole-2	ND	0.010	
Ethafuralin	ND	0.010	
Etridiazole	ND	0.010	
Fenarimol	ND	0.010	
Fenbuconazole	ND	0.010	
Fenhexamid	ND	0.010	
Fenvalerate-1	ND	0.010	
Fenvalerate-2	ND	0.010	
Fipronil	ND	0.010	
Fluchloralin	ND	0.010	
Flucythrinate	ND	0.010	
Fludioxanil	ND	0.010	
Fluquinconazole	ND	0.010	
Flutolanil	ND	0.010	
Fluvalinate	ND	0.010	
Folpet	ND	0.010	
gamma-BHC/Lindane	ND	0.010	
gamma-Chlordane	ND	0.010	
Heptachlor	ND	0.010	
Heptachlor Epoxide	ND	0.010	
Hexachlorobenzene	ND	0.010	

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Client Sample ID: PT 170513

EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-OC2

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/12/2014

Comments:

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Analyte	Amount	RL ppm	Tolerance ppm
Hexaconazole	ND	0.010	
Imazalil	ND	0.010	
Iprodione	ND	0.010	
lambda-Cyhalothrin	ND	0.010	
Linuron	ND	0.010	
Metolachlor	ND	0.010	
Mirex	ND	0.010	
Monolinuron	ND	0.010	
Myclobutanil	ND	0.010	
Notrofen	ND	0.010	
Nuarimol	ND	0.010	
o,p'-DDT	ND	0.010	
O,p'-Methoxychlor	ND	0.010	
p,p'-DDE	ND	0.010	
p,p'-DDT	ND	0.010	
p,p'-Methoxychlor	ND	0.010	
Penconazole	ND	0.010	
Pentachloroaniline	ND	0.010	
Pentachlorobenzene	ND	0.010	
Pentachlorobenzonitrile	ND	0.010	
Pentachlorothioanisole	ND	0.010	
Polychlorinatedbiphenyl - Cogeners	ND	0.010	
Prochloraz	ND	0.010	
Procymidone	ND	0.010	
Profluralin	ND	0.010	
Pronamide	ND	0.010	
Propachlor	ND	0.010	
Propanil	ND	0.010	
Propiconazole/Tilt-1	ND	0.010	
Propiconazole/Tilt-2	ND	0.010	
Pyraclostrobin	ND	0.010	
Pyridaben	ND	0.010	
Pyrifeno-1	ND	0.010	
Pyrifeno-2	ND	0.010	
Quinoxifen	ND	0.010	
Quintozene	ND	0.010	
Simazine	ND	0.010	
Tebuconazole	ND	0.010	
Tebuconpyrad	ND	0.010	
Tecnezene	ND	0.010	
Terbutylazine	ND	0.010	
Tetradifon	ND	0.010	
Toxyfluanid	ND	0.010	
trans-Chlordane	ND	0.010	
trans-Nonachlor	ND	0.010	
trans-Permethrin	ND	0.010	
Triadimefon	ND	0.010	
Triadimenol	ND	0.010	
Triallate	ND	0.010	
Trifloxystrobin	ND	0.010	
Triflumizole	ND	0.010	
Trifluralin	ND	0.010	
Triticonazole	ND	0.010	
Vinclozolin	ND	0.010	

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Client Sample ID: PT 170513

EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-NSO-1

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/11/2014

Comments:

ND = None Detected at the Reporting Limit (RL)
Tolerance data taken from 40 CFR § 180. Environmental Micro Analysis, Inc. makes no
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Analyte	Amount	RL ppm	Tolerance ppm
Allethrin	ND	0.050	
Acetamiprid	ND	0.050	
alpha-Spiroxamine	ND	0.050	
Ametryn	ND	0.050	
Aminocarb	ND	0.050	
Amitraz	ND	0.050	
Aniten/Flurecol Butyl E.	ND	0.050	
Azoxystrobin	ND	0.050	
Benalaxyl	ND	0.050	
Bendiocarb	ND	0.050	
beta-Spiroxamine	ND	0.050	
Biphenyl	ND	0.050	
Biteranol-1	ND	0.050	
Biteranol-2	ND	0.050	
Bufenocarb-1	ND	0.050	
Bufenocarb-2	ND	0.050	
Bupirimate	ND	0.050	
Buprofezin	ND	0.050	
Butralin	ND	0.050	
Butylate	ND	0.050	
3-OH Carbofuran	ND	0.050	
Carbaryl	ND	0.050	
Carbofuran	ND	0.050	
Carbosulfan	ND	0.050	
Carboxin	ND	0.050	
Cycloate/Ro Neet	ND	0.050	
Cycluron	ND	0.050	
Cymiazole	ND	0.050	
Cyprodinil	ND	0.050	
Desmedipham	ND	0.050	
Desmethyl Diphenamid	ND	0.050	
Desmetryn	ND	0.050	
Diethofenocarb	ND	0.050	
Difenoconazole	ND	0.050	
Dioxacarb	ND	0.050	
Diphenamid	ND	0.050	
Diphenylamine	ND	0.050	
d-Phenothrin #	ND	0.050	
EPTC/Eptam	ND	0.050	
Ethiofencarb	ND	0.050	
Ethiolate	ND	0.050	
Ethofumesate	ND	0.050	
Ethoxyquin	ND	0.050	
Etofenprox	ND	0.050	
Famoxadone	ND	0.050	
Fenazaquin	ND	0.050	
Fenfuram	ND	0.050	
Fenobucarb	ND	0.050	
Fenoxycarb	ND	0.050	
Fenpropathrin	ND	0.050	
Fenpropimorph	ND	0.050	
Flusilazole	ND	0.050	
Fuberidazole	ND	0.050	
Furalaxyl	ND	0.050	
Hexazinone	ND	0.050	
Isocarbamid	ND	0.050	

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Laboratory Director

Page: 3 of 14

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Project No:

PO No:

Client Sample ID: PT 170513

EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-NSO-2

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/11/2014

Comments:

Analyte	Amount	RL ppm	Tolerance ppm
Isoprocarb	ND	0.050	
Isopropalin	ND	0.050	
Isoprothiolane	ND	0.050	
Lenacil	ND	0.050	
MBTZ	ND	0.050	
Mepronil	ND	0.050	
Metaxyl	ND	0.050	
Metalddehyde	ND	0.050	
Methfuroxan	ND	0.050	
Methiocarb	ND	0.050	
Methoprotirne	ND	0.050	
Meioliacarb	ND	0.050	
Metribuzin	ND	0.050	
Mexacarbate	ND	0.050	
MGK-264	ND	0.050	
Molinate	ND	0.050	
Naphthalene Acetamide	ND	0.050	
Napronalid	ND	0.050	
Napropamide	ND	0.050	
Nitralin	ND	0.050	
Nitrothal Isopropyl	ND	0.050	
Norea	ND	0.050	
Octhilinone	ND	0.050	
o-Phenylphenol	ND	0.050	
Pebulate	ND	0.050	
Pendimethalin	ND	0.050	
Phenmedipham	ND	0.050	
Pipernonyl Butoxide	ND	0.050	
Pirimacarb	ND	0.050	
Promecarb	ND	0.050	
Prometon	ND	0.050	
Prometryn	ND	0.050	
Propargite	ND	0.050	
Propham	ND	0.050	
Propoxur	ND	0.050	
Pyracarbolid	ND	0.050	
Pyrethrin-1	ND	0.050	
Pyrethrin-2	ND	0.050	
Pyrimethanil	ND	0.050	
Pyriproxifen	ND	0.050	
Resmethrin	ND	0.050	
Sebumeton	ND	0.050	
Sethoxydim	ND	0.050	
Simetryn	ND	0.050	
Tebutam	ND	0.050	
Tebuthiuron	ND	0.050	
Terbumeton	ND	0.050	
Terbutryn	ND	0.050	
Tetraconazole	ND	0.050	
Tetramethrin-1	ND	0.050	
Tetramethrin-2	ND	0.050	
Thiabendazole	ND	0.050	
THPI	ND	0.050	
Tralkoxydim	ND	0.050	
Tricyclazole	ND	0.050	
2,3,5-Trimethacarb	ND	0.050	
3,4,5-Trimethacarb	ND	0.050	
Vemolate	ND	0.050	

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EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-PHOS-1

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/11/2014

Analyte	Amount	RL ppm	Tolerance ppm
Acephate	ND	0.050	
Azinphos-methyl	ND	0.050	
beta-Chlorfenvinphos	ND	0.050	
Cadusafos	ND	0.050	
Carbophenothion	ND	0.050	
Chlorpyrifos	ND	0.050	
Chlorpyrifos OA	ND	0.050	
Chlorpyrifos-methyl	ND	0.050	
Chlorthiophos	ND	0.050	
Coumaphos	ND	0.050	
Cyanofenphos	ND	0.050	
Cyanophos	ND	0.050	
DEF	ND	0.050	
Demeton S Sulfone	ND	0.050	
Diazinon	ND	0.050	
Dichlorvos	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Dioxathion	ND	0.050	
Disulfoton	ND	0.050	
Edifenphos	ND	0.050	
EPN	ND	0.050	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
2-Ethylhexyldiphenyl phos.	ND	0.050	
Fenamiphos	ND	0.050	
Fenamiphos Sulfone	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonophos	ND	0.050	
Heptenophos	ND	0.050	
Isofenphos	ND	0.050	
Leptophos	ND	0.050	
Malathion	ND	0.050	
Malathion OA	ND	0.050	

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EMA Sample No: 14072821-01

Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: FDA IMP-PHOS-2

Extraction Method: FDA 302

Date Extracted: 8/10/2014

Date Completed: 8/11/2014

Analyte	Amount	RL ppm	Tolerance ppm
Mercarbam	ND	0.050	
Methamidophos	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Methyl Parathion OA	ND	0.050	
Mevinphos	ND	0.050	
Monocrotophos	ND	0.050	
Omethaote	ND	0.050	
Parathion	ND	0.050	
Parathion OA	ND	0.050	
Phorate	ND	0.050	
Phorate Sulfone	ND	0.050	
Phorate Sulfoxide	ND	0.050	
Phosalone	ND	0.050	
Phosmet	ND	0.050	
Pirimiphos-methyl	ND	0.050	
Profenophos	ND	0.050	
Prothiophos	ND	0.050	
Pyrazophos	ND	0.050	
Pyridaphenthion	ND	0.050	
Quinalphos	ND	0.050	
Sulfotep	ND	0.050	
Sulprofos	ND	0.050	
Terbufos	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Tolclophos Methyl	ND	0.050	
Trizaphos	ND	0.050	
Trichlorfon	ND	0.050	
Tris (Chloropropyl) Phosphate-1	ND	0.050	
Tris (Chloropropyl) Phosphate-2	ND	0.050	
Tris 2-Butoxyethyl Phosphate	ND	0.050	

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Date Received: 7/28/2014

Sample Matrix: Rebaudioside A

Analytical Method: EBDC Screen

Extraction Method: CDFA

Date Extracted: 7/30/2014

Date Completed: 7/30/2014

Analyte	Amount	RL ppm	Tolerance ppm
Ferbam	ND	0.030	
Maneb (Dithane M-22)	ND	0.030	
Mancozeb	ND	0.030	
Metiram	ND	0.030	
Nabam	ND	0.030	
Thiram	ND	0.030	
Zineb	ND	0.030	
Ziram	ND	0.030	

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Page: 7 of 14