

The following test results are from an independent laboratory: SGS

Test Report

Report No.: XMAFF160400792-5

Date: May 13 2016

Sample Name: Microbiocide GI

Sample Batch No.: V160411A

Product Date: 2016/04/11

Above sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Sample No. : XMAFF160400792-5

SGS Reference No.: ASH16-016056-01

Date of sample received: Apr 28 2016

Testing period: Apr 28 2016 - May 06 2016

TEST(S) REQUESTED: Select test(s) as requested by the applicant**TEST RESULT(S):** Please refer to next page(s).**TEST METHOD(S):** Please refer to next page(s):

TEST RESULT(S):

*Pesticide scan

Test method: With references to US FDA PAM Pesticide Analytical Manual of FDA, USPC General method for pesticide residues analysis and Eur.method 2.8.13 -Appendix XI L.Pesticide Residues, analysis was performed by LC-MSMS

Code	Test Item	Unit	Test Results	Method Detection limit
1	Acephate	mg/kg	Not Detected	0.02
2	Alachlor	mg/kg	Not Detected	0.02
3	Aldrin	mg/kg	Not Detected	0.02
4	α -BH	mg/kg	Not Detected	0.05
5	Azinphos-ethyl	mg/kg	Not Detected	0.02
6	Azinphos-methyl	mg/kg	Not Detected	0.1
7	beta-HCH	mg/kg	Not Detected	0.05
8	Bromophos-ethyl	mg/kg	Not Detected	0.02
9	Bromophos-methyl	mg/kg	Not Detected	0.02
10	Brompropylate	mg/kg	Not Detected	0.1
11	Chlorfenvinphos	mg/kg	Not Detected	0.05
12	Chlorpyiphos (ethyl)	mg/kg	Not Detected	0.02
13	Chlorpyriphos methyl	mg/kg	Not Detected	0.02
14	Chlorthal_dimethyl	mg/kg	Not Detected	0.01
15	cis-Chlordane	mg/kg	Not Detected	0.01
16	Cis-Heptachlorepoxideexo-,isomer	mg/kg	Not Detected	0.01
17	Cyfluthrin(sum)	mg/kg	Not Detected	0.1
18	Cypermethrin & Zeta-Cypermethrin	mg/kg	Not Detected	0.1
19	δ -BHC	mg/kg	Not Detected	0.05
20	Deltametrin	mg/kg	Not Detected	0.05
21	Diazinon	mg/kg	Not Detected	0.05
22	Dichlorvos	mg/kg	Not Detected	0.1
23	Diclofluanid	mg/kg	Not Detected	0.02
24	Dicofol	mg/kg	Not Detected	0.05
25	Dieldrin	mg/kg	Not Detected	0.05
26	Dimethoate	mg/kg	Not Detected	0.02
27	Endosulfan Sulfate	mg/kg	Not Detected	0.05
28	Endrin	mg/kg	Not Detected	0.05
29	Et(h)rimphos	mg/kg	Not Detected	0.02
30	Ethion	mg/kg	Not Detected	0.1
31	Fenitrothion	mg/kg	Not Detected	0.05

Code	Test Item	Unit	Test Result	Method Detection Limit
32	Fenochlorphos	mg/kg	Not Detected	0.02
33	Fenochlorphos-oxon	mg/kg	Not Detected	0.05
34	Fenpropathrin	mg/kg	Not Detected	0.02
35	Fensulfothion	mg/kg	Not Detected	0.01
36	Fensulfothion-oxon	mg/kg	Not Detected	0.01
37	Fensulfothion-oxonsulfone	mg/kg	Not Detected	0.01
38	Fensulfothion-sulfone	mg/kg	Not Detected	0.01
39	Fenthion oxon sulfone	mg/kg	Not Detected	0.01
40	Fenthion	mg/kg	Not Detected	0.01
41	Fenthion-oxon	mg/kg	Not Detected	0.01
42	Fenthion-oxon-sulfoxide	mg/kg	Not Detected	0.01
43	Fenthion-sulfone	mg/kg	Not Detected	0.01
44	Fenthion-sulfoxide	mg/kg	Not Detected	0.01
45	Fenvalerate	mg/kg	Not Detected	0.02
46	Flucytrinate	mg/kg	Not Detected	0.05
47	Fluvalinate	mg/kg	Not Detected	0.02
48	Fonophos	mg/kg	Not Detected	0.02
49	Gamma-HCH/Lindane	mg/kg	Not Detected	0.02
50	Hepachlore	mg/kg	Not Detected	0.02
51	Hexachlorobenzene	mg/kg	Not Detected	0.02
52	Iprobenphos	mg/kg	Not Detected	0.01
53	Isocarbophos	mg/kg	Not Detected	0.01
54	Isofenphos methyl	mg/kg	Not Detected	0.01
55	Malathion	mg/kg	Not Detected	0.05
56	Maloxon	mg/kg	Not Detected	0.05
57	MCPA	mg/kg	Not Detected	0.05
58	Mecarbam	mg/kg	Not Detected	0.02
59	Methacri(ph)fos	mg/kg	Not Detected	0.02
60	Methamidophos	mg/kg	Not Detected	0.02
61	Methidathion	mg/kg	Not Detected	0.05
62	Methoxyclor	mg/kg	Not Detected	0.05
63	Mirex	mg/kg	Not Detected	0.01
64	Monocrotophos	mg/kg	Not Detected	0.02
65	N-desethyl-pirimphos-methyl	mg/kg	Not Detected	0.1

Code	Test Item	Unit	Test Result	Method Detection Limit
66	o,p'-DDD	mg/kg	Not Detected	0.2
67	o,p'-DDE	mg/kg	Not Detected	0.1
68	o,p'-DDT	mg/kg	Not Detected	0.1
69	Omethoate	mg/kg	Not Detected	0.02
70	Oxy_Chlordane	mg/kg	Not Detected	0.02
71	Oxyfluorfen	mg/kg	Not Detected	0.01
72	p,p'-DDD	mg/kg	Not Detected	0.1
73	p,p'-DDE	mg/kg	Not Detected	0.2
74	p,p'-DDT	mg/kg	Not Detected	0.2
75	Para(o)xon ethyl	mg/kg	Not Detected	0.05
76	Para(o)xon methyl	mg/kg	Not Detected	0.05
77	Parathion ethyl	mg/kg	Not Detected	0.2
78	Parathion methyl	mg/kg	Not Detected	0.05
79	Pendimethalin	mg/kg	Not Detected	0.02
80	Pentachloranisol	mg/kg	Not Detected	0.01
81	Permethrin (and isomers) (sum of)	mg/kg	Not Detected	0.5
82	Phorate sulphone	mg/kg	Not Detected	0.01
83	Phorate sulphoxide	mg/kg	Not Detected	0.01
84	Phorate	mg/kg	Not Detected	0.01
85	Phosalone	mg/kg	Not Detected	0.02
86	Phosmet	mg/kg	Not Detected	0.02
87	Phoxim	mg/kg	Not Detected	0.02
88	Piperonyl butoxide	mg/kg	Not Detected	0.1
89	Pirimiphos-ethyl	mg/kg	Not Detected	0.02
90	Pirimiphos-methyl	mg/kg	Not Detected	0.1
91	Procymidone	mg/kg	Not Detected	0.05
92	Profenophos	mg/kg	Not Detected	0.02
93	Prothiophos	mg/kg	Not Detected	0.05
94	Pyrethrum (sum)	mg/kg	Not Detected	0.5
95	Quinalphos	mg/kg	Not Detected	0.02
96	Quintozene (sum)	mg/kg	Not Detected	0.1
97	S421	mg/kg	Not Detected	0.02
98	Tec(h)nazene	mg/kg	Not Detected	0.02
99	Tetradifon	mg/kg	Not Detected	0.1

Code	Test Item	Unit	Test Result	Method Detection Limit
100	Trans_Chlordane	mg/kg	Not Detected	0.01
101	Trans-heptachlorepoideexo-,isomer	mg/kg	Not Detected	0.02
102	Triazophos	mg/kg	Not Detected	0.02
103	Vinclozolin	mg/kg	Not Detected	0.2
104	α -Endosulfan	mg/kg	Not Detected	0.1
105	β -Endosulfan	mg/kg	Not Detected	0.1
106	ϵ -BHC	mg/kg	Not Detected	0.05
107	λ -Cyhalothrin	mg/kg	Not Detected	0.1

TEST RESULT(S):

Test Item	Unit	Test Method (Referencr to)	Test Result	Method Detection Limit
Arsenic (As)	mg/kg	Journal of AOAC international Vol 90,NO.3,2007	0.35	0.02
Lead (Pb)	mg/kg	Journal of AOAC international Vol 90,NO.3,2008	0.19	0.02
Mercury (Hg)	mg/kg	Journal of AOAC international Vol 90,NO.3,2008	Not Detected	0.01
Methanol	mg/kg	In house method HS-GC-MS	Not Detected	20
Ethanol	mg/kg	In house method HS-GC-MS	Not Detected	10
Aflatoxin B ₁	μ g/kg	General requirement No. 2351 method I of Ch.P.2015 Volume IV	Not Detected	3.0
Aflatoxin B ₂	μ g/kg	General requirement No. 2351 method I of Ch.P.2015 Volume IV	Not Detected	3.0
Aflatoxin G ₁	μ g/kg	General requirement No. 2351 method I of Ch.P.2015 Volume IV	Not Detected	2.0
Aflatoxin G ₂	μ g/kg	General requirement No. 2351 method I of Ch.P.2015 Volume IV	Not Detected	2.0
Aflatoxin (B ₁ +B ₂ +G ₁ +G ₂)	μ g/kg	General requirement No. 2351 method I of Ch.P.2015 Volume IV	Not Detected	/