

# Analyserapport

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Blgg BV  
Postbus 115

6860 AC OOSTERBEEK

## Onderzoek

Onderzoek-/ordernummer:

Datum verslag:  
30-09-2009

Goedgekeurd door:  
Ina Huitema

Uw referentie:

## Monster

Monsternummer:

Datum ontvangst:  
28-09-2009

Datum monstername:

Monsteromschrijving:  
Roos-Blad

## Resultaat

De volgende stoffen zijn aangetroffen in het monster:

| Middeel                                | Resultaat |       |
|--|-----------|-------|
| GC-MS MULTI METHOD (ANA-004)           |           |       |
| boscalid                               | 6.9       | mg/kg |
| bupirimate                             | 0.34      | mg/kg |
| buprofezin                             | 0.07      | mg/kg |
| cyprodinil                             | 1.4       | mg/kg |
| dodemorph                              | 9.9       | mg/kg |
| fludioxonil                            | 0.62      | mg/kg |
| iprodione                              | 7.8       | mg/kg |
| kresoxim-methyl                        | 0.35      | mg/kg |
| spiroxamine                            | 7.3       | mg/kg |
| LC-MS MULTI METHOD (ANA-006)           |           |       |
| ethirimol                              | 0.18      | mg/kg |
| famoxadone                             | 2.6       | mg/kg |
| fenhexamid                             | 8.9       | mg/kg |
| imidacloprid                           | 0.71      | mg/kg |
| iprovalicarb                           | 0.23      | mg/kg |
| spinosad                               | 0.14      | mg/kg |
| thiacloprid                            | 0.01      | mg/kg |
| thiamethoxam                           | 0.08      | mg/kg |
| LC-MS MULTI METHOD SCREENING (ANA-006) |           |       |
| clofentezine                           | 0.06      | mg/kg |

# Analyserapport

TNO-Blgg AgriQ BV  
Nieuwe Kanaal 11  
6709 PA Wageningen

Monstercode: A09-06209

## GC-MS MULTI METHOD

| Component           | LOQ(mg/kg) |                        |      |                              |       |                              |       |
|---------------------|------------|------------------------|------|------------------------------|-------|------------------------------|-------|
| acrinathrin         | 0.02       | azaconazole            | 0.01 | azoxystrobin                 | 0.01  | benalaxyl                    | 0.01  |
| bifenthrin          | 0.01       | biphenyl               | 0.01 | boscalid                     | 0.05  | bromopropylate               | 0.01  |
| bromuconazole       | 0.01       | bupirimate             | 0.01 | buprofezin                   | 0.01  | cadusafos                    | 0.01  |
| chlorfenapyr        | 0.03       | chlorfenvinphos        | 0.01 | chlorpropham                 | 0.01  | chlorpyrifos                 | 0.01  |
| chlorpyrifos-methyl | 0.01       | chlorthal-dimethyl     | 0.01 | cyfluthrin                   | 0.04  | cyhalothrin,lambda-          | 0.01  |
| cypermethrin        | 0.03       | cyproconazole          | 0.01 | cyprodinil                   | 0.01  | DDE,p,p'-(expr.as.DDT)       | 0.01  |
| DDT,o,p'-           | 0.01       | DDT,p,p'-              | 0.01 | TDE,p,p'(expr.as.DDT)        | 0.01  | DDT(sum)                     |       |
| deltamethrin        | 0.02       | diazinon               | 0.01 | dichlorvos                   | 0.01  | dicloran                     | 0.01  |
| dieldrin            | 0.01       | diethofencarb          | 0.01 | difenoconazole               | 0.02  | dimethipin                   | 0.03  |
| dimethomorph        | 0.02       | dimoxystrobin          | 0.01 | diphenylamine                | 0.01  | dodemorph                    | 0.01  |
| endosulfan,alpha-   | 0.10       | endosulfan,beta-       | 0.02 | endosulfan-sulfate           | 0.01  | endosulfan(sum)              |       |
| EPN                 | 0.01       | epoxiconazole          | 0.01 | ethion                       | 0.01  | ethoprophos                  | 0.01  |
| etofenprox          | 0.01       | etridiazole            | 0.01 | fenarimol                    | 0.01  | fenazaquin                   | 0.01  |
| fenbuconazole       | 0.01       | fenitrothion           | 0.01 | fenoxycarb                   | 0.01  | fenpiclonil                  | 0.01  |
| fenpropathrin       | 0.01       | fenpropimorph          | 0.01 | fenvalerate_esfenvalerate(su | 0.02  | fenvalerate_esfenvalerate(su | 0.01  |
| flupyrifos          | 0.01       | flucythrinate          | 0.01 | fludioxonil                  | 0.01  | flusilazole                  | 0.01  |
| flutolanil          | 0.01       | flutriafol             | 0.01 | fluvalinate,tau-             | 0.03  | folpet                       | 0.01  |
| fulalaxyl           | 0.01       | heptenophos            | 0.01 | hexaconazole                 | 0.01  | iprodione                    | 0.02  |
| kresoxim-methyl     | 0.01       | lindane                | 0.01 | malathion                    | 0.01  | mecarbam                     | 0.01  |
| mepanipyrim         | 0.01       | mepronil               | 0.02 | metalaxyl                    | 0.01  | methidathion                 | 0.01  |
| metrafenon          | 0.01       | mevinphos              | 0.01 | myclobutanil                 | 0.01  | nitrothal-isopropyl          | 0.01  |
| nuarimol            | 0.01       | oxadixyl               | 0.03 | parathion                    | 0.01  | parathion-methyl             | 0.01  |
| penconazole         | 0.01       | pentachlorothioanisole | 0.01 | permethrin-cis               | 0.01  | permethrin-trans             | 0.01  |
| permethrin(sum)     |            | phenylphenol,2-        | 0.01 | phosalone                    | 0.01  | phosmet                      | 0.01  |
| picoxystrobin       | 0.01       | piperynyl-butoxide     | 0.01 | pirimiphos-methyl            | 0.01  | procymidone                  | 0.01  |
| profenofos          | 0.01       | propargite             | 0.10 | propiconazole                | 0.01  | propyzamide                  | 0.01  |
| prothiofos          | 0.01       | pyrazophos             | 0.01 | pyrethrins                   | 0.20  | pyridaben                    | 0.01  |
| pyridaphenthion     | 0.01       | pyrifenox              | 0.01 | pyrimethanil                 | 0.01  | pyriproxyfen                 | 0.01  |
| quinalphos          | 0.01       | quinoxifen             | 0.01 | quintozene                   | 0.01  | pentachloraniline            | 0.02  |
| quintozene(sum)     |            | silaflofen             | 0.01 | spirodiclofen                | 0.05  | spiromesifen                 | 0.01  |
| spiroxamine         | 0.02       | tebufenpyrad           | 0.01 | tebufenpyrad                 | 0.01  | tefluthrin                   | 0.01  |
| tetraconazole       | 0.01       | tetradifon             | 0.03 | tolclofos-methyl             | 0.01  | tri-allylate                 | 0.01  |
| triazamate          | 0.01       | triazophos             | 0.01 | trifloxystrobin              | 0.01  | triflumizole                 | 0.01  |
| trifluralin         | 0.01       | vinclozolin            | 0.01 | acetochlor                   | 0.02  | acolonifen                   | 0.05  |
| alachlor            | 0.01       | benfluralin            | 0.01 | bromacil                     | 0.10  | bromophos                    | 0.01  |
| carbosulfan         | 0.02       | chlorbenzilat          | 0.01 | chlordan, alpha-             | 0.005 | chlordan, gamma-             | 0.005 |
| chlordan(sum)       |            | chlozolinate           | 0.02 | dichlobenil                  | 0.01  | dichlofenthion               | 0.02  |
| dicofol             | 0.05       | ditalimfos             | 0.02 | endrin                       | 0.05  | ethofumesate                 | 0.01  |
| etrimfos            | 0.05       | fluazifop-butyl        | 0.05 | fluquinconazole              | 0.02  | isofenphos-methyl            | 0.01  |
| lufenuron           | 0.05       | metazachlor            | 0.02 | metolachlor                  | 0.01  | methoxychlor                 | 0.02  |
| metribuzin          | 0.01       | pendimethalin          | 0.05 | phenthoate                   | 0.01  | pirimiphos-ethyl             | 0.01  |
| profluralin         | 0.02       | propachlor             | 0.01 | simazine                     | 0.02  | tecnazene                    | 0.05  |
| terbutylazine       | 0.02       | zoxamide               | 0.05 |                              |       |                              |       |

## LC-MS MULTI METHOD

| Component                  | LOQ(mg/kg) |                           |      |                        |      |                    |      |
|----------------------------|------------|---------------------------|------|------------------------|------|--------------------|------|
| abamectin                  | 0.05       | acephate                  | 0.01 | acetamiprid            | 0.01 | aldicarb           | 0.01 |
| aldicarb-sulfon            | 0.01       | aldicarb-sulfoxide        | 0.01 | aldicarb(sum)          |      | azamethiphos       | 0.01 |
| azinphos-methyl            | 0.01       | bendiocarb                | 0.01 | bitertanol             | 0.01 | butocarboxim       | 0.02 |
| butoxycarboxim             | 0.01       | butocarboxim(sum)         |      | carbaryl               | 0.01 | carbendazim        | 0.01 |
| carbofuran                 | 0.01       | carbofuran,3-hydroxy-     | 0.01 | carbofuran(sum)        |      | carboxin           | 0.01 |
| chlorfluazuron             | 0.01       | clomazone                 | 0.01 | clothianidin           | 0.01 | cymoxanil          | 0.01 |
| cyromazine                 | 0.01       | demeton                   | 0.01 | desmedipham            | 0.01 | dichlofluanid      | 0.01 |
| dicrotophos                | 0.01       | diflubenzuron             | 0.01 | dimethirimol           | 0.01 | dimethoate         | 0.01 |
| omethoate                  | 0.01       | dimethoate(sum)           |      | diniconazole           | 0.01 | disulfoton         | 0.05 |
| disulfoton-sulfone         | 0.01       | disulfoton-sulfoxide      | 0.01 | disulfoton(sum)        |      | diuron             | 0.01 |
| ethiofencarb               | 0.01       | ethiofencarb-sulfone      | 0.01 | ethiofencarb-sulfoxide | 0.01 | ethiofencarb(sum)  |      |
| ethirimol                  | 0.01       | famoxadone                | 0.01 | fenamiphos             | 0.01 | fenamiphos-sulfone | 0.01 |
| fenamiphos-sulfoxide       | 0.01       | fenamiphos(sum)           |      | fenhexamid             | 0.01 | fenpyroximate      | 0.01 |
| fensulfothion              | 0.01       | fensulfothion-sulfone     | 0.01 | fensulfothion(sum)     |      | fenthion           | 0.02 |
| fenthion-sulfone           | 0.01       | fenthion-sulfoxide        | 0.01 | fenthion(sum)          |      | flucycloxuron      | 0.05 |
| flufenoxuron               | 0.05       | fosthiazate               | 0.01 | furathiocarb           | 0.01 | hexythiazox        | 0.01 |
| imazalil                   | 0.01       | imidacloprid              | 0.01 | indoxacarb             | 0.02 | iprovalicarb       | 0.01 |
| linuron                    | 0.01       | metamitron                | 0.01 | methabenzthiazuron     | 0.01 | methamidophos      | 0.01 |
| methiocarb                 | 0.01       | methiocarb-sulfone        | 0.01 | methiocarb-sulfoxide   | 0.01 | methiocarb(sum)    |      |
| methomyl                   | 0.01       | thiodicarb                | 0.01 | methomyl(sum)          |      | methoxyfenozide    | 0.01 |
| metobromuron               | 0.01       | metoxuron                 | 0.01 | monocrotophos          | 0.01 | monolinuron        | 0.01 |
| oxamyl                     | 0.01       | oxycarboxin               | 0.01 | oxydemeton-methyl      | 0.01 | demeton-S-methyl   | 0.01 |
| demeton-S-methylsulfone (Q | 0.01       | oxydemeton-methyl(sum) (Q |      | paclobutrazol          | 0.01 | pencycuron         | 0.01 |
| phenmedipham               | 0.01       | phorate                   | 0.02 | phorate(sum)           |      | phorate-sulfone    | 0.01 |
| phorate-sulfoxide          | 0.01       | phosphamidon              | 0.01 | picolinafen            | 0.01 | pirimicarb         | 0.01 |
| pirimicarb,desmethyl-      | 0.01       | pirimicarb(sum)           |      | prochloraz             | 0.01 | propamocarb        | 0.01 |
| propoxur                   | 0.01       | pyraclostrobin            | 0.01 | pyridate-metabolite    | 0.01 | rotenone           | 0.01 |
| spinosad                   | 0.01       | tebuconazole              | 0.01 | tebufenozide           | 0.01 | terbufos           | 0.01 |
| terbufos-sulfone           | 0.01       | terbufos-sulfoxide        | 0.01 | terbufos(sum)          |      | thiabendazole      | 0.01 |
| thiacloprid                | 0.01       | thiamethoxam              | 0.01 | thiocyclam             | 0.02 | thiofanox          | 0.05 |
| thiofanox-sulfone          | 0.01       | thiofanox-sulfoxide       | 0.01 | thiofanox(sum)         |      | thiometon          | 0.05 |
| thiophanate-methyl         | 0.01       | tolyfluanid               | 0.01 | DMST(as tolyfluanid)   | 0.01 | tolyfluanid(sum)   |      |
| triadimefon                | 0.01       | triadimenol               | 0.01 | triadimefon(sum)       |      | trichlorfon        | 0.01 |
| tricyclazole               | 0.01       | triflumuron               | 0.01 | triforine              | 0.01 | vamidothion        | 0.01 |

\* componenten met een \* voor de naam hebben een grotere meetonzekerheid.

\* componenten zonder LOQ (maar exclusief de sommaties) hebben een grotere meetonzekerheid, waardoor ze minder geschikt zijn voor toetsing

# componenten met een # voor de naam zijn niet analyseerbaar in dit (type) monster

+ verhoogde bepaalbaarheids grens tov 'standaard'

LOQ= bepaalbaarheids grens

# Analyserapport

TNO-Blgg AgriQ BV  
Nieuwe Kanaal 11  
6709 PA Wageningen

Q= ISO 17025 geaccrediteerd

Voor meer informatie over de prestatiekenmerken van de methode kunt u contact opnemen met AgriQ

gehalten met \* voor de naam en uit 'screening' hebben een relatief hoge meetonzekerheid, waardoor ze minder geschikt zijn voor toetsing aan MRL

De onderzochte stoffen zijn op volgende pagina('s) weergegeven.

Ondertekening

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H. Kerkdijk, MSc  
Directeur