

**LABORATORIO REGIONAL DE LA COMUNIDAD AUTONOMA
DE LA RIOJA****LISTA PUBLICA DE ENSAYOS**

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**PLAGUICIDAS EN FRUTAS Y HORTALIZAS CON ELEVADO CONTENIDO EN AGUA
POR CROMATOGRFÍA DE GASES/ESPECTROMETRÍA DE MASAS**

PROCEDIMIENTO INTERNO Met/QR/Quechers-GC/1

| Plaguicidas incluidos | | | | | | | |
|------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | endrin | 0.01 | fosalone | 0.01 | procimidona | 0.01 |
| alacloro | 0.01 | endrin cetona | 0.01 | HCH-alfa | 0.01 | profenofos | 0.01 |
| aldrin | 0.01 | EPN | 0.01 | HCH-beta | 0.01 | prometrina | 0.01 |
| azoxistrobina | 0.01 | epoxiconazol | 0.01 | HCH-delta | 0.01 | propargita | 0.01 |
| benalaxil | 0.01 | espiromesifeno | 0.01 | heptacloro | 0.01 | propiconazol | 0.01 |
| bifentrina | 0.01 | espiroxamina | 0.01 | heptacloro-endo-epoxido | 0.01 | protiofos | 0.01 |
| bitertanol | 0.01 | etalfuralina | 0.01 | heptacloro-exo-epoxido | 0.01 | quinalfos | 0.01 |
| boscalida | 0.01 | etion | 0.01 | hexacinaona | 0.01 | quinoxifeno | 0.01 |
| bromopropilato | 0.01 | etofenprox | 0.01 | hexaclorobenceno | 0.01 | sulfotep | 0.01 |
| bupirimato | 0.01 | etofumesato | 0.01 | isocarbofós | 0.01 | tau fluvalinato | 0.01 |
| butóxido de piperonilo | 0.01 | etoxazol | 0.01 | isofenfos | 0.01 | tebuconazol | 0.01 |
| butralina | 0.01 | fempropatrina | 0.01 | isofenfos-metilo | 0.01 | tebufenpirad | 0.01 |
| ciproconazol | 0.01 | fempropidina | 0.01 | isoprotiolano | 0.01 | teflutrina | 0.01 |
| ciprodinilo | 0.01 | fempromorfo | 0.01 | lambda-cihalotrina | 0.01 | terbumetona | 0.01 |
| cis-Clordano | 0.01 | fenamidona | 0.01 | lindano | 0.01 | tetraconazol | 0.01 |
| clorfenapir | 0.01 | fenamifos | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | tetradifon | 0.01 |
| clorfenvinfos | 0.01 | fenarimol | 0.01 | metoxicloro | 0.01 | tolclofos-metil | 0.01 |
| clorpirifos | 0.01 | fenazaquina | 0.01 | miclobutanil | 0.01 | trans-Clordano | 0.01 |
| clorpirifos-metilo | 0.01 | fenbuconazol | 0.01 | nitrofen | 0.01 | triadimefon | 0.01 |
| clortal-dimetil | 0.01 | fenitrotion | 0.01 | nuarimol | 0.01 | triadimenol | 0.01 |
| cresoxim-metilo | 0.01 | fention | 0.01 | oxiclordano | 0.01 | trialato | 0.01 |
| diazinon | 0.01 | fentoato | 0.01 | oxifluorfen | 0.01 | triazofós | 0.01 |
| diclorvos | 0.01 | fenvalerato+esfenvalerato | 0.01 | paclobutrazol | 0.01 | trifloxistrobina | 0.01 |
| dicofol | 0.01 | fluazifop p butil | 0.01 | paratiön etil | 0.01 | trifluralina | 0.01 |
| dieldrin | 0.01 | fludioxonilo | 0.01 | paration-metilo | 0.01 | vinclozolina | 0.01 |
| dietofencarb | 0.01 | fluopiram | 0.01 | pendimetalina | 0.01 | | |
| difenoconazol | 0.01 | fluquinconazol | 0.01 | piridaben | 0.01 | | |
| diflufenican | 0.01 | flusilazol | 0.01 | piridafention | 0.01 | | |
| diniconazol | 0.01 | flutolanil | 0.01 | pirifenox | 0.01 | | |
| endosulfan alfa | 0.01 | flutriafol | 0.01 | pirimetanil | 0.01 | | |
| endosulfan beta | 0.01 | fonofos | 0.01 | pirimicarb | 0.01 | | |
| endosulfan sulfato | 0.01 | forato | 0.01 | pirimifos-metil | 0.01 | | |

* LC: Límite de cuantificación

1. Frutas

1. A: Frutos de pepita

| Matrices validadas | | |
|--------------------|--|--|
| Matriz | | |
| Pera | | |
| Manzana | | |

1. B: Frutos de hueso

| Matrices validadas | | |
|---|---------------------|---------------|
| Matriz | | |
| Melocoton | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| Nectarina Paraguayo Platerina Albaricoque Ciruela Cereza | | |

1. C: Bayas y frutas ácidas

| Matrices validadas | | |
|---------------------|---------------------|---------------|
| Matriz | | |
| Uva | | |
| Restricción técnica | | |
| triazofós | | |
| Matriz | Restricción técnica | Observaciones |
| Kiwi | triazofós | |

1. D: Otras frutas

| Matrices validadas | | |
|--------------------|--|--|
| Matriz | | |
| Platano | | |

1. E: Cítricos

| Matrices validadas | | |
|--------------------|--|-----------------------------|
| Matriz | | |
| Naranja | | |
| Matriz | Restricción técnica | Observaciones |
| Limón | cis clordano hexaclorobenceno nitrofenol oxiclordanol trans clordano | No evaluados en esta matriz |
| Pomelo | propargita | |

2. Hortalizas

2.A: Hortalizas, excepto las del género brásica, setas y hongos

| Matrices validadas | | |
|---|---------------------|---------------|
| Matriz | | |
| Patata | | |
| Restricción técnica | | |
| | | |
| Judía verde | | |
| Restricción técnica | | |
| Boscalida | | |
| | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| Guisante con vaina Cebolla Zanahoria Pepino Pimiento Tomate Remolacha Melón Berenjena Puerro | Hexacina | |

2.B: Hortalizas del género brásica

| Matrices validadas | | |
|----------------------|---------------------|---------------|
| Matriz | | |
| Coliflor | | |
| Restricción técnica | | |
| EPN | | |
| Fenazaquina | | |
| | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| Brócoli | EPN | Fenazaquina |
| Repollo | EPN | Fenazaquina |

2.C: Hongos y setas

| Matrices validadas | |
|-----------------------|---------------|
| Matriz | |
| Seta/champiñón | |
| Restricción técnica | Observaciones |
| | |

PLAGUICIDAS EN ACEITES, POR CROMATOGRFIA DE GASES/ESPECTROMETRIA DE MASAS

PROCEDIMIENTO INTERNO Met/QR/Quechers-GC/2

| Plaguicidas incluidos | | | | | | | |
|------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | endrin | 0.01 | flutriafol | 0.01 | profenofos | 0.01 |
| alacloro | 0.01 | endrin cetona | 0.01 | fonofos | 0.01 | prometrina | 0.01 |
| aldrin | 0.01 | EPN | 0.01 | forato | 0.01 | propiconazol | 0.01 |
| azoxistrobina | 0.01 | epoxiconazol | 0.01 | fosalone | 0.01 | protiofos | 0.01 |
| benalaxil | 0.01 | espiromesifeno | 0.01 | heptacloro | 0.01 | quinafos | 0.01 |
| bifentrina | 0.01 | espiroxamina | 0.01 | heptacloro-endo-epoxido | 0.01 | quinoxifeno | 0.01 |
| bitertanol | 0.01 | etalfluralina | 0.01 | heptacloro-exo-epoxido | 0.01 | sulfotep | 0.01 |
| boscalida | 0.01 | etion | 0.01 | hexaciona | 0.01 | tau fluvalinato | 0.01 |
| bromopropilato | 0.01 | etofenprox | 0.01 | isocarbofós | 0.01 | tebuconazol | 0.01 |
| bupirimato | 0.01 | etofumesato | 0.01 | isofenfos | 0.01 | tebufenpirad | 0.01 |
| butóxido de piperonilo | 0.01 | etoxazol | 0.01 | isofenfos-metilo | 0.01 | teflutrina | 0.01 |
| butralina | 0.01 | fempropatrina | 0.01 | isoprotiolano | 0.01 | terbumetona | 0.01 |
| ciproconazol | 0.01 | fempropidina | 0.01 | lambda-cihalotrina | 0.01 | tetraconazol | 0.01 |
| ciprodinilo | 0.01 | fempropimorfo | 0.01 | lindano | 0.01 | tetradifon | 0.01 |
| cis-Clordano | 0.01 | fenamidona | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | tolclofos-metil | 0.01 |
| clorfenapir | 0.01 | fenamifos | 0.01 | metoxicloro | 0.01 | trans-Clordano | 0.01 |
| clorfenvinfos | 0.01 | fenarimol | 0.01 | miclobutanil | 0.01 | triadimefon | 0.01 |
| clorpirifos | 0.01 | fenazaquina | 0.01 | nitrofenol | 0.01 | triadimenol | 0.01 |
| clorpirifos-metilo | 0.01 | fenbuconazol | 0.01 | nuarimol | 0.01 | trialato | 0.01 |
| clortal-dimetil | 0.01 | fenitroton | 0.01 | oxiclordano | 0.01 | triazofós | 0.01 |
| cresoxim-metilo | 0.01 | fention | 0.01 | oxifluorfen | 0.01 | trifloxistrobina | 0.01 |
| diazinon | 0.01 | fentoato | 0.01 | paclobutrazol | 0.01 | trifluralina | 0.01 |
| diclorvos | 0.01 | fenvalerato+esfenvalerato | 0.01 | paratión etil | 0.01 | vinclozolina | 0.01 |
| dicofol | 0.01 | fipronil | 0.01 | paration-metilo | 0.01 | | |
| dieldrin | 0.01 | fipronil-desulfinil | 0.01 | pendimetalina | 0.01 | | |
| dietofencarb | 0.01 | fipronil sulfona | 0.01 | piridaben | 0.01 | | |
| difenoconazol | 0.01 | fluazifop p butil | 0.01 | piridafention | 0.01 | | |
| diflufenican | 0.01 | fludioxonilo | 0.01 | pirifenox | 0.01 | | |
| diniconazol | 0.01 | fluopiram | 0.01 | pirimetanil | 0.01 | | |
| endosulfan alfa | 0.01 | fluquinconazol | 0.01 | pirimicarb | 0.01 | | |
| endosulfan beta | 0.01 | flusilazol | 0.01 | pirimifos-metil | 0.01 | | |
| endosulfan sulfato | 0.01 | flutolanil | 0.01 | procimidona | 0.01 | | |

* LC: Límite de cuantificación

| Matrices validadas | | |
|----------------------|---------------------|---------------|
| Matriz | | |
| Aceite de oliva | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| | | |

PLAGUICIDAS EN MIEL, POR CROMATOGRFIA DE GASES/ESPECTROMETRIA DE MASAS

PROCEDIMIENTO INTERNO Met/QR/Quechers-GC/3

| Plaguicidas incluidos | | | | | | | |
|------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | endrin | 0.01 | fosalone | 0.01 | procimidona | 0.01 |
| alacloro | 0.01 | endrin cetona | 0.01 | HCH-alfa | 0.01 | profenofos | 0.01 |
| aldrin | 0.01 | EPN | 0.01 | HCH-beta | 0.01 | prometrina | 0.01 |
| azoxistrobina | 0.01 | epoxiconazol | 0.01 | HCH-delta | 0.01 | propargita | 0.01 |
| benalaxil | 0.01 | espiromesifeno | 0.01 | heptacloro | 0.01 | propiconazol | 0.01 |
| bifentrina | 0.01 | espiroxamina | 0.01 | heptacloro-endo-epoxido | 0.01 | protiofos | 0.01 |
| bitertanol | 0.01 | etalfuralina | 0.01 | heptacloro-exo-epoxido | 0.01 | quinalfos | 0.01 |
| boscalida | 0.01 | etion | 0.01 | hexacinaona | 0.01 | quinoxifeno | 0.01 |
| bromopropilato | 0.01 | etofenprox | 0.01 | hexaclorobenceno | 0.01 | sulfotep | 0.01 |
| bupirimato | 0.01 | etofumesato | 0.01 | isocarbofós | 0.01 | tau fluvalinato | 0.01 |
| butóxido de piperonilo | 0.01 | etoxazol | 0.01 | isofenfos | 0.01 | tebuconazol | 0.01 |
| butralina | 0.01 | fempropatrina | 0.01 | isofenfos-metilo | 0.01 | tebufenpirad | 0.01 |
| ciproconazol | 0.01 | fempropidina | 0.01 | isoprotiolano | 0.01 | teflutrina | 0.01 |
| ciprodinilo | 0.01 | fempropimorfo | 0.01 | lambda-cihalotrina | 0.01 | terbumetona | 0.01 |
| cis-Clordano | 0.01 | fenamidona | 0.01 | lindano | 0.01 | tetraconazol | 0.01 |
| clorfenapir | 0.01 | fenamifos | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | tetradifon | 0.01 |
| clorfenvifos | 0.01 | fenarimol | 0.01 | metoxicloro | 0.01 | tolclofos-metil | 0.01 |
| clorpirifos | 0.01 | fenazaquina | 0.01 | miclobutanil | 0.01 | trans-Clordano | 0.01 |
| clorpirifos-metilo | 0.01 | fenbuconazol | 0.01 | nitrofen | 0.01 | triadimefon | 0.01 |
| clortal-dimetil | 0.01 | fenitroton | 0.01 | nuarimol | 0.01 | triadimenol | 0.01 |
| cresoxim-metilo | 0.01 | fention | 0.01 | oxiclordano | 0.01 | trialato | 0.01 |
| diazinon | 0.01 | fentoato | 0.01 | oxifluorfen | 0.01 | triazofós | 0.01 |
| diclorvos | 0.01 | fenvalerato+esfenvalerato | 0.01 | paclobutrazol | 0.01 | trifloxistrobina | 0.01 |
| dicofol | 0.01 | fluazifop p butil | 0.01 | paration-metilo | 0.01 | trifluralina | 0.01 |
| dieldrin | 0.01 | fludioxonilo | 0.01 | pendimetalina | 0.01 | vinclozolina | 0.01 |
| dietofencarb | 0.01 | fluopiram | 0.01 | permetrina | 0.01 | | |
| difenoconazol | 0.01 | fluquinconazol | 0.01 | piridaben | 0.01 | | |
| diflufenican | 0.01 | flusilazol | 0.01 | piridafention | 0.01 | | |
| diniconazol | 0.01 | flutolanil | 0.01 | pirifenox | 0.01 | | |
| endosulfan alfa | 0.01 | flutriafol | 0.01 | pirimetanil | 0.01 | | |
| endosulfan beta | 0.01 | fonofos | 0.01 | pirimicarb | 0.01 | | |
| endosulfan sulfato | 0.01 | forato | 0.01 | pirimifos-metil | 0.01 | | |

* LC: Límite de cuantificación

Matrices validadas

Matriz

Miel

PLAGUICIDAS EN MUSCULO, POR CROMATOGRFIA DE GASES/ESPECTROMETRIA DE MASAS

PROCEDIMIENTO INTERNO Met/QR/Quechers-GC/4

| Plaguicidas incluidos | | | | | | | |
|------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | EPN | 0.01 | heptacloro | 0.01 | propargita | 0.01 |
| alacloro | 0.01 | epoxiconazol | 0.01 | heptacloro-endo-epoxido | 0.01 | propiconazol | 0.01 |
| aldrin | 0.01 | espiromesifeno | 0.01 | heptacloro-exo-epoxido | 0.01 | protiofos | 0.01 |
| azoxistrobina | 0.01 | espiroxamina | 0.01 | hexacina | 0.01 | quinalfos | 0.01 |
| benalaxil | 0.01 | etafluralina | 0.01 | isocarbofos | 0.01 | quinoxifeno | 0.01 |
| bifentrina | 0.01 | etion | 0.01 | isofenfos | 0.01 | sulfotep | 0.01 |
| bitertanol | 0.01 | etofenprox | 0.01 | isofenfos-metilo | 0.01 | tau fluvalinato | 0.01 |
| boscalida | 0.01 | etofumesato | 0.01 | isoprotiolano | 0.01 | tebuconazol | 0.01 |
| bromopropilato | 0.01 | etoxazol | 0.01 | lambda-cihalotrina | 0.01 | tebufenpirad | 0.01 |
| bupirinato | 0.01 | fempropatrina | 0.01 | lindano | 0.01 | teflutrina | 0.01 |
| butóxido de piperonilo | 0.01 | fempropidina | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | terbumetona | 0.01 |
| butralina | 0.01 | fempromorfo | 0.01 | metoxicloro | 0.01 | tetraconazol | 0.01 |
| ciproconazol | 0.01 | fenamidona | 0.01 | miclobutanil | 0.01 | tetradifon | 0.01 |
| ciprodinilo | 0.01 | fenamifos | 0.01 | nitrofen | 0.01 | tolclofos-metil | 0.01 |
| cis-Clordano | 0.01 | fenarimol | 0.01 | nuarimol | 0.01 | trans-Clordano | 0.01 |
| clorfenapir | 0.01 | fenazaquina | 0.01 | o,p' DDT | 0.01 | triadimefon | 0.01 |
| clorfenvinfos | 0.01 | fenbuconazol | 0.01 | oxiclordano | 0.01 | triadimenol | 0.01 |
| clorpirifos | 0.01 | fenitrotion | 0.01 | oxifluorfen | 0.01 | trialato | 0.01 |
| clorpirifos-metilo | 0.01 | fention | 0.01 | p,p' DDD | 0.01 | triaozofós | 0.01 |
| clortal-dimetil | 0.01 | fenvalerato+esfenvalerato | 0.01 | p,p' DDE | 0.01 | trifloxistrobina | 0.01 |
| cresoxim-metilo | 0.01 | fluazifop p butil | 0.01 | p,p' DDT | 0.01 | trifluralina | 0.01 |
| diazinon | 0.01 | fludioxonilo | 0.01 | paratión etil | 0.01 | vinclozolina | 0.01 |
| dicofol | 0.01 | fluopiram | 0.01 | paration-metilo | 0.01 | | |
| dieldrin | 0.01 | fluquinconazol | 0.01 | pendimetalina | 0.01 | | |
| dietofencarb | 0.01 | flusilazol | 0.01 | piridaben | 0.01 | | |
| difenoconazol | 0.01 | flutolanil | 0.01 | piridafention | 0.01 | | |
| diflufenican | 0.01 | flutriafol | 0.01 | pirifenox | 0.01 | | |
| diniconazol | 0.01 | fonofos | 0.01 | pirimetanil | 0.01 | | |
| endosulfan alfa | 0.01 | forato | 0.01 | pirimicarb | 0.01 | | |
| endosulfan beta | 0.01 | fosalone | 0.01 | pirimifos-metil | 0.01 | | |
| endosulfan sulfato | 0.01 | HCH-alfa | 0.01 | procimidona | 0.01 | | |
| endrin | 0.01 | HCH-beta | 0.01 | profenofos | 0.01 | | |
| endrin cetona | 0.01 | HCH-delta | 0.01 | prometrina | 0.01 | | |

* LC: Límite de cuantificación

| Matrices validadas | | |
|---|--|---------------|
| Matriz | | |
| Musculo de ovino | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| Músculo de ave Músculo de porcino Músculo de bovino Músculo de equino Músculo de pescado | butóxido de piperonilo, EPN, fenazaquina, fosalone, triazofós | |

PLAGUICIDAS EN VINO, POR CROMATOGRAFÍA DE GASES/ESPECTROMETRIA DE MASAS

PROCEDIMIENTO INTERNO Met/QR/VINO/1

| Plaguicidas incluidos | | | | | | | |
|------------------------|----------------|---------------------------|----------------|---------------------------------|----------------|------------------|----------------|
| Materia Activa | LC* (microg/l) | Materia Activa | LC* (microg/l) | Materia Activa | LC* (microg/l) | Materia Activa | LC* (microg/l) |
| acrinatrina | 5 | endrin cetona | 5 | HCH-alfa | 5 | prometrina | 5 |
| alacloro | 5 | EPN | 5 | HCH-beta | 5 | propargita | 5 |
| aldrin | 5 | espiromesifeno | 5 | HCH-delta | 5 | propiconazol | 5 |
| azoxistrobina | 5 | espiroxamina | 5 | heptacloro | 5 | protiofos | 5 |
| benalaxil | 5 | etafluralina | 5 | heptacloro-endo-epoxido | 5 | quinalfos | 5 |
| bifentrina | 5 | etion | 5 | heptacloro-exo-epoxido | 5 | quinoxifeno | 5 |
| bitertanol | 5 | etofenprox | 5 | hexaclorobenceno | 5 | sulfotep | 5 |
| boscalida | 5 | etofumesato | 5 | isocarbofós | 5 | tau fluvalinato | 5 |
| bromopropilato | 5 | etoxazol | 5 | isofenfos | 5 | tebuconazol | 5 |
| bupirimato | 5 | fempropatrina | 5 | isofenfos-metilo | 5 | tebufenpirad | 5 |
| butóxido de piperonilo | 5 | fempropidina | 5 | isoprotiolano | 5 | teflutrina | 5 |
| butralina | 5 | fempropimorfo | 5 | lambda-cihalotrina | 5 | terbumetona | 5 |
| ciproconazol | 5 | fenamidona | 5 | lindano | 5 | tetraconazol | 5 |
| ciprodinilo | 5 | fenamifos | 5 | metalaxilo (incl. metalaxilo M) | 5 | tetradifon | 5 |
| cis-Clordano | 5 | fenarimol | 5 | metoxicloro | 5 | tolclofos-metil | 5 |
| clorfenapir | 5 | fenazaquina | 5 | miclobutanil | 5 | trans-Clordano | 5 |
| clorfenvinfos | 5 | fenbuconazol | 5 | nitrofen | 5 | triadimefon | 5 |
| clorpirifos | 5 | fenitroion | 5 | nuarimol | 5 | triadimenol | 5 |
| clorpirifos-metilo | 5 | fentoato | 5 | oxiclordano | 5 | trialato | 5 |
| clortal-dimetil | 5 | fenvalerato+esfenvalerato | 5 | oxifluorfen | 5 | triazofós | 5 |
| cresoxim-metilo | 5 | fipronil | 5 | paclobutrazol | 5 | trifloxistrobina | 5 |
| diazinon | 5 | fipronil-desulfinil | 5 | paratión etil | 5 | trifluralina | 5 |
| dicofol | 5 | fipronil sulfona | 5 | paration-metilo | 5 | vinclozolina | 5 |
| dieldrin | 5 | fluazifop p butil | 5 | pendimetalina | 5 | | |
| dietofencarb | 5 | fludioxonilo | 5 | piridaben | 5 | | |
| difenoconazol | 5 | fluopiram | 5 | piridafention | 5 | | |
| diflufenican | 5 | fluquinconazol | 5 | pirifenox | 5 | | |
| diniconazol | 5 | flusilazol | 5 | pirimetanil | 5 | | |
| endosulfan alfa | 5 | flutolanil | 5 | pirimicarb | 5 | | |
| endosulfan beta | 5 | flutriafol | 5 | pirimifos-metil | 5 | | |
| endosulfan sulfato | 5 | fonofos | 5 | procimidona | 5 | | |
| endrin | 5 | fosalone | 5 | profenofos | 5 | | |

* LC: Límite de cuantificación

| Matrices validadas | | |
|------------------------------|---------------------|---------------|
| Matriz | | |
| Vino elaboracion tradicional | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| | | |

**PLAGUICIDAS EN PRODUCTOS VEGETALES CON BAJO CONTENIDO EN AGUA, ALTO CONTENIDO EN ALMIDÓN Y/O PROTEÍNAS
NO GRASOS, POR CROMATOGRFIA DE GASES/ESPECTROMETRIA DE MASAS**

PROCEDIMIENTO INTERNO Met/QR/Quechers-GC/5

| Plaguicidas incluidos | | | | | | | |
|------------------------|-------------|---------------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | endrin cetona | 0.01 | fosalone | 0.01 | pirimifos-metil | 0.01 |
| alacloro | 0.01 | EPN | 0.01 | HCH-alfa | 0.01 | procimidona | 0.01 |
| aldrin | 0.01 | epoxiconazol | 0.01 | HCH-beta | 0.01 | profenofos | 0.01 |
| azoxistrobina | 0.01 | espiromesifeno | 0.01 | HCH-delta | 0.01 | prometrina | 0.01 |
| benalaxil | 0.01 | espiroxamina | 0.01 | heptacloro | 0.01 | propiconazol | 0.01 |
| bifentrina | 0.01 | etalfluralina | 0.01 | heptacloro-endo-epoxido | 0.01 | protiofos | 0.01 |
| bitertanol | 0.01 | etion | 0.01 | heptacloro-exo-epoxido | 0.01 | quinalfos | 0.01 |
| boscalida | 0.01 | etofenprox | 0.01 | hexacinona | 0.01 | quinoxifeno | 0.01 |
| bromopropilato | 0.01 | etofumesato | 0.01 | hexaclorobenceno | 0.01 | sulfotep | 0.01 |
| bupirimato | 0.01 | etoxazol | 0.01 | isocarbofós | 0.01 | tau fluvalinato | 0.01 |
| butóxido de piperonilo | 0.01 | fempropatrina | 0.01 | isofenfos | 0.01 | tebuconazol | 0.01 |
| butralina | 0.01 | fempropidina | 0.01 | isofenfos-metilo | 0.01 | tebufenpirad | 0.01 |
| ciproconazol | 0.01 | fempropimorfo | 0.01 | isoprotiolano | 0.01 | teflutrina | 0.01 |
| ciprodinilo | 0.01 | fenamidona | 0.01 | lambda-cihalotrina | 0.01 | terbumetona | 0.01 |
| cis-Clordano | 0.01 | fenamifos | 0.01 | lindano | 0.01 | tetraconazol | 0.01 |
| clorfenapir | 0.01 | fenarimol | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | tetradifon | 0.01 |
| clorfenvinfos | 0.01 | fenazaquina | 0.01 | metoxicloro | 0.01 | tolclofos-metil | 0.01 |
| clorpirifos | 0.01 | fenbuconazol | 0.01 | miclobutanil | 0.01 | trans-Clordano | 0.01 |
| clorpirifos-metilo | 0.01 | fenitrotrion | 0.01 | nitrofen | 0.01 | triadimefon | 0.01 |
| clortal-dimetil | 0.01 | fention | 0.01 | nuarimol | 0.01 | triadimenol | 0.01 |
| cresoxim-metilo | 0.01 | fentoato | 0.01 | oxiclordano | 0.01 | trialato | 0.01 |
| diazinon | 0.01 | fenvalerato+esfenvalerato | 0.01 | oxifluorfen | 0.01 | triazofós | 0.01 |
| dicofol | 0.01 | fluazifop p butil | 0.01 | paclobutrazol | 0.01 | trifloxistrobina | 0.01 |
| dieldrin | 0.01 | fludioxonilo | 0.01 | paratión etil | 0.01 | trifluralina | 0.01 |
| dietofencarb | 0.01 | fluopiram | 0.01 | paration-metilo | 0.01 | vinclozolina | 0.01 |
| diflufenican | 0.01 | fluquinconazol | 0.01 | pendimetalina | 0.01 | | |
| diniconazol | 0.01 | flusilazol | 0.01 | piridaben | 0.01 | | |
| endosulfan alfa | 0.01 | flutolanil | 0.01 | piridafention | 0.01 | | |
| endosulfan beta | 0.01 | flutriafol | 0.01 | pirifenox | 0.01 | | |
| endosulfan sulfato | 0.01 | fonofos | 0.01 | pirimetanil | 0.01 | | |
| endrin | 0.01 | forato | 0.01 | pirimicarb | 0.01 | | |

* LC: Límite de cuantificación

1. Cereal

| Matrices validadas | | | |
|-------------------------|--|--|--|
| Matriz | | | |
| Harina de trigo | | | |
| Restricción técnica | | | |
| | | | |
| Matrices comprobadas | | | |
| Matriz | Restricción técnica | Observaciones | |
| Avena | | | |
| Centeno | | | |
| Espelta integral | EPN fenvalerato nitrofen paratión metilo piridafention | taufaluvalinato triadimefon triadimenol triazofós | |
| Trigo integral | EPN nitrofen | triazofós | |

2 Legumbres secas

| Matrices validadas | | | |
|---------------------------|----------------------------------|-----------------|-----------|
| Matriz | | | |
| Judía blanca | | | |
| Restricción técnica | | | |
| EPN | fludioxonilo | paratión etil | triazofós |
| fempropatrina | fosalone | paration-metilo | |
| fenbuconazol | hexacinona | piridafention | |
| Matrices comprobadas | | | |
| Matriz | Restricción técnica | Observaciones | |
| Guisante sin vaina | Las mismas que para Judía blanca | | |

PLAGUICIDAS EN GRASA ANIMAL, POR CROMATOGRAFÍA DE GASES/ESPECTROMETRIA DE MASAS

PROCEDIMIENTO INTERNO Met/QR/Quechers-OCL/1

| Plaguicidas incluidos | | | | | | | |
|-----------------------|-------------|---------------------|-------------|---------------------------------|-------------|------------------|-------------|
| Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) | Materia Activa | LC* (mg/Kg) |
| acrinatrina | 0.01 | endrin cetona | 0.01 | heptacloro-endo-epoxido | 0.01 | profenofos | 0.01 |
| alacloro | 0.01 | espiromesifeno | 0.01 | heptacloro-exo-epoxido | 0.01 | prometrina | 0.01 |
| aldrin | 0.01 | espiroxamina | 0.01 | hexacinona | 0.01 | propiconazol | 0.01 |
| azoxistrobina | 0.01 | etalfuralina | 0.01 | hexaclorobenceno | 0.01 | protiofos | 0.01 |
| benalaxil | 0.01 | etion | 0.01 | isocarbofós | 0.01 | quinafos | 0.01 |
| bifentrina | 0.01 | etofenprox | 0.01 | isofenfos | 0.01 | quinoxifeno | 0.01 |
| bitertanol | 0.01 | etofumesato | 0.01 | isofenfos-metilo | 0.01 | sulfotep | 0.01 |
| boscalida | 0.01 | etoxazol | 0.01 | isoprotiolano | 0.01 | tebuconazol | 0.01 |
| bromopropilato | 0.01 | fempropidina | 0.01 | lambda-cihalotrina | 0.01 | tebufenpirad | 0.01 |
| bupirimato | 0.01 | fempropimorfo | 0.01 | lindano | 0.01 | teflutrina | 0.01 |
| butralina | 0.01 | fenamidona | 0.01 | metalaxilo (incl. metalaxilo M) | 0.01 | tetraconazol | 0.01 |
| ciproconazol | 0.01 | fenamifos | 0.01 | metoxicloro | 0.01 | tetradifon | 0.01 |
| ciprodinilo | 0.01 | fenarimol | 0.01 | miclobutanil | 0.01 | tolclofos-metil | 0.01 |
| cis-Clordano | 0.01 | fenbuconazol | 0.01 | nitrofenol | 0.01 | trans-Clordano | 0.01 |
| clorfenapir | 0.01 | fenitrotrion | 0.01 | nuarimol | 0.01 | triadimefon | 0.01 |
| clorfenvinfos | 0.01 | fention | 0.01 | o,p' DDT | 0.01 | triadimenol | 0.01 |
| clorpirifos | 0.01 | fentoato | 0.01 | oxiclordano | 0.01 | trialato | 0.01 |
| clorpirifos-metilo | 0.01 | fipronil | 0.01 | oxifluorfen | 0.01 | triazofós | 0.01 |
| clortal-dimetil | 0.01 | fipronil-desulfenil | 0.01 | p,p' DDD | 0.01 | trifloxistrobina | 0.01 |
| cresoxim-metilo | 0.01 | fipronil sulfona | 0.01 | p,p' DDE | 0.01 | trifluralina | 0.01 |
| diazinon | 0.01 | fluopiram | 0.01 | p,p' DDT | 0.01 | vinclozolina | 0.01 |
| diclorvos | 0.01 | flusilazol | 0.01 | paclobutrazol | 0.01 | | |
| dicofol | 0.01 | flutolanil | 0.01 | paration-metilo | 0.01 | | |
| dieldrin | 0.01 | flutriafol | 0.01 | pendimetalina | 0.01 | | |
| dietofencarb | 0.01 | fonofos | 0.01 | piridaben | 0.01 | | |
| diflufenican | 0.01 | forato | 0.01 | piridafention | 0.01 | | |
| diniconazol | 0.01 | fosalone | 0.01 | pirifenox | 0.01 | | |
| endosulfan alfa | 0.01 | HCH-alfa | 0.01 | pirimetanil | 0.01 | | |
| endosulfan beta | 0.01 | HCH-beta | 0.01 | pirimicarb | 0.01 | | |
| endosulfan sulfato | 0.01 | HCH-delta | 0.01 | pirimifos-metil | 0.01 | | |
| endrin | 0.01 | heptacloro | 0.01 | procimidona | 0.01 | | |

* LC: Límite de cuantificación

| Matrices validadas | | |
|----------------------|---------------------|---------------|
| Matriz | | |
| Grasa de ave | | |
| Grasa de ovino | | |
| Matrices comprobadas | | |
| Matriz | Restricción técnica | Observaciones |
| Grasa de bovino | | |
| Grasa de porcino | | |
| Grasa de conejo | | |