

GIDA, TARIM VE HAYVANCILIK BAKANLIĞI
A&G PUR ÖZEL GIDA KONTROL LABORATUVARI
MUAYENE VE ANALİZ RAPORU

Rapor Numarası : 2016-15797
Rapor Tarihi : 26.07.2016

AB-0559-T
15797
07-16

Analizin Amacı : ÖZEL İSTEK
Numuneyi Gönd. Kuruluş : ARAL DOĞAL GIDA İNŞ. SAN. VE TİC. LTD. ŞTİ.
Numunenin Adı ve Tanımı : ZÜHTÜ PAŞA MAH. BAĞDAT CAD. RÜŞTİYE SOK. NO: 25 MERKEZ KADIKÖY /İSTANBUL
Numune Tutanak No : DOMATES -
Numune Parti No/Parti Büyüklüğü :
Üretim ve son Kullanma Tarihi : /
Üretici Firma Adı :
Numunenin Ambalajı : KAĞIT AMBALAJ
Numunenin Alındığı Tarih :
Numunenin Kabul Tarihi : 20.07.2016
Raporun Sayfa Sayısı : 2

Yapılan Analizler	Birim	Sonuçlar	Ölçüm Limiti	Geri Kazanım	Ölçüm Belirsizliği	Analiz Metodu	Değ.
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Kalıntı Analizleri

0-PESTİSİT ANALİZİ(GCMS)	mg/kg	Tespit Edilemedi	0,010			JAOAC Vol.90.No:2	U
0-PESTİSİT ANALİZİ(LCMSMS)	mg/kg	Tespit Edilemedi	0,010			JAOAC Vol.90.No:2	U

Ölçüm Limiti Düzeyinde Tespit Edilemeyen Pestisitler/Adı(Ölçüm Limiti)Akredite Durumu

GCMS:

1-2,4DDDD(0,010)*,2-4,4DDDD(0,010)*,3-4,4DDE(0,010)*,4-Aldrin(0,010)*,5-AlphaEndosulfan(0,010)*,6-AlphaHCH(0,010)*,7-BetaCyfluthrin(0,060)*,8-BetaEndosulfan(0,010)*,9-Bet
HCH(0,010)*,10-BromophosMethyl(0,010)*,11-Captan(0,010)*,12-Chinomethionate(0,010)*,13-Chlorfenapyr(0,010)*,14-Chlorothalonil(0,010)*,15-CisChlordane(0,010)*,16-Delta
HCH(0,010)*,17-Dicofol(0,010)*,18-Dieldrin(0,010)*,19-Fenclorophos(0,010)*,20-Fenpropathrin(0,010)*,21-Fenson(0,010)*,22-GammaHCH(0,010)*,23-Heptachlorendoepoxide(0,0
10)*,24-Heptachlorepoxide(0,010)*,25-Hexachloro13Butadiene(0,010)*,26-Hexachlorobenzen(0,010)*,27-Jodfenphos(0,010)*,28-LambdaCyhalothrin(0,010)*,29-Methoxychlor
0,010)*,30-Nuarimol(0,010)*,31-Ofurace(0,010)*,32-Oxadixyl(0,010)*,33-Oxyfluorfen(0,010)*,34-ParathionMethyl(0,010)*,35-Pentachloroaniline(0,010)*,36-Permethrin(0,010)*,37
-Procymidon(0,010)*,38-Pyrazophos(0,010)*,39-Quintozene(0,010)*,40-Tecnazen(0,010)*,41-Tetradifon(0,010)*,42-Tetrasul(0,010)*,43-TolclofosMethyl(0,010)*,44-TransChlordan
e(0,010)*,45-Trifluralin(0,010)*,46-Vinclozolin(0,010)*,47-24DDT(0,010),48-44DDT(0,010),49-AlphaCypermethrin(0,010),50-Benfluralin(0,010),51-Chlorfensol(0,010),52-EndrinAld
,61-ParathionEtil(0,010),62-Tefluthrin(0,010),63-Sulfoxide(0,010),64-Desmedipham(0,010),65-Diafenthion(0,010),66-Dichloroprop-P(0,010),67-Dimethanamid(0,010),68-Dimetha
namid-P(0,010),69-Thionazin(0,010),70-3,5dichloroanilin(0,010),71-Folpet(0,010),72-Biphenyl(0,010),73-Bromocycin(0,010),74-Chlorbensidesulfon(0,010),75-Chlorbenside(0,010),7
6-Chlorpropylate(0,010),77-Chlozolinat(0,010),78-Dichlobenil(0,010),79-Isazofos(0,010),80-Isobenzan(0,010),81-Isodrin(0,010),82-Methoprotyrine(0,010),83-Pentachloroanisole(0
010),84-Profluralin(0,010),85-Chlorneb(0,010),86-Chlorfenpropmethyl(0,010)

LC-MS/MS:

1-2,4Acid(0,010)*,2-Acephate(0,010)*,3-Acetachlor(0,010)*,4-Acetamid(0,010)*,5-Aclonifen(0,010)*,6-Alachlor(0,010)*,7-Aldicarb(0,010)*,8-Aldicarb(0,010)*,9-Aldicarb
ulfoxide(0,010)*,10-AlloxydimNa(0,010)*,11-Amirtraz(0,010)*,12-Anilofos(0,010)*,13-Atrazine(0,010)*,14-Atrazinedesethyl(0,010)*,15-Azirotryne(0,010)*,16-Azobenzene(0,010)*,
17-Azoxystrobin(0,010)*,18-BenalaxylM(0,010)*,19-Bendiocarb(0,010)*,20-Benomyl&Carbendazim(0,010)*,21-Benson(0,010)*,22-Bentazone(0,010)*,23-Bifenthrin(0,010)*,24-B
oscalid(0,010)*,25-Bromacil(0,010)*,26-Bromopropylate(0,010)*,27-Buprimate(0,010)*,28-Buprofezin(0,010)*,29-Butocarboxim(0,010)*,30-Butylate(0,010)*,31-Carbaryl(0,010)*,3
2-Carbofuran(0,010)*,33-Carbofuran3hydroxy(0,010)*,34-Carbosulfan(0,010)*,35-Carbenrazonethyl(0,010)*,36-Chlorbromuron(0,010)*,37-Chlorfluazuron(0,010)*,38-Chlormequ
atchloride(0,010)*,39-Chlorpyrifos(0,010)*,40-Chlorpyrifosmethyl(0,010)*,41-Clofentazine(0,010)*,42-Clomazone(0,010)*,43-Coumaphos(0,010)*,44-Cyanazine(0,010)*,45-Cycloa
t(0,010)*,46-Cyhexatin(0,010)*,47-Cymizole(0,010)*,48-Cymoxanil(0,010)*,49-Cypermethrin(0,010)*,50-Cyproconazole(0,010)*,51-Cyprodinil(0,010)*,52-Deltamethrin(0,010)*,53
-DermetonSmethyl(0,010)*,54-Diazinon(0,010)*,55-Dibrom(0,010)*,56-Dichlofluanid(0,010)*,57-Dichlorvos(0,010)*,58-Diclotophos(0,010)*,59-Diethofencarb(0,010)*,60-Difenocn
azole(0,010)*,61-Diflubenzuron(0,010)*,62-Dimefox(0,010)*,63-Dimethachlor(0,010)*,64-Dimethamorph(0,010)*,65-Dimethoate(0,010)*,66-Diniconazole(0,010)*,67-Dinocap(0,01
0)*,68-Dioxacarb(0,010)*,69-Dipropetryn(0,010)*,70-Disulfotonsulfone(0,010)*,71-Disulfotonsulfide(0,010)*,72-Dithalimfos(0,010)*,73-Dithianon(0,010)*,74-DNOC(0,010)*,75-
Dode(0,010)*,76-Emamectinbenzoate(0,010)*,77-EndosulfanSulfat(0,010)*,78-Epoxconazole(0,010)*,79-EPTC(0,010)*,80-Esfenvalerate&Fenvalerate(0,010)*,81-Ethiofenecarb(0,0
10)*,82-Ethion(0,010)*,83-Ethirimol(0,010)*,84-Ethofumesate(0,010)*,85-Ethoprophos(0,010)*,86-Ethoxazole(0,010)*,87-Etrifos(0,010)*,88-Famoxadone(0,010)*,89-Fenamipho
s(0,010)*,90-Fenarimol(0,010)*,91-Fenazaquin(0,010)*,92-Fenhexamide(0,010)*,93-Fenitrothion(0,010)*,94-Fenoxycarb(0,010)*,95-Fenpiclonil(0,010)*,96-Fensulfotthion(0,010)*,
97-Fenithion(0,010)*,98-Fenuron(0,010)*,99-FlampropMisopropyl(0,010)*,100-Flucythrinate(0,010)*,101-Fludioxonil(0,010)*,102-Flufenoxuron(0,010)*,103-Fluquinconazole(0,010)
,104-Flusilazole(0,010),105-Fluziafopbuthyl(0,010)*,106-Formothion(0,010)*,107-Furothiocarb(0,010)*,108-Heptenefos(0,010)*,109-Hexaconazole(0,010)*,110-Hexaflumuron(0
010)*,111-hexythiazox(0,010)*,112-Ioxonyl(0,010)*,113-imazalil(0,010)*,114-imazamethabenzmethyl(0,010)*,115-imazaquin(0,010)*,116-imidacloprid(0,010)*,117-indoxacarb(0,
110)*,118-iprodone(0,010)*,119-iprovalicarb(0,010)*,120-isoprotruron(0,010)*,121-kresoximimethyl(0,010)*,122-Linuron(0,010)*,123-Lufenuron(0,010)*,124-Malaoxon(0,010)*,12
5-Malathion(0,010)*,126-Mecarbam(0,010)*,127-Mecoprop(0,010)*,128-MecopropP(0,010)*,129-Mephosfolan(0,010)*,130-Mesosulfuronmethyl(0,010)*,131-Mesotrime(0,010)*,13
-MetalaxylmetaxylM(0,010)*,133-Metazachlor(0,010)*,134-Metconazole(0,010)*,135-Methacrifos(0,010)*,136-Methamidophos(0,010)*,137-Methidathion(0,010)*,138-Methiocar
b(0,010)*,139-Methomyl(0,010)*,140-Metolachlor(0,010)*,141-Metoxuron(0,010)*,142-Metribuzin(0,010)*,143-Mevinphos(0,010)*,144-Monocrotophos(0,010)*,145-Monolinuron(0
010)*,146-Myclobutanil(0,010)*,147-Omethoate(0,010)*,148-Oxamyl(0,010)*,149-Paroxonethyl(0,010)*,150-Penconazole(0,010)*,151-Pencycuron(0,010)*,152-Pendimethalin(0,0
010)*,153-Pentanachlor(0,010)*,154-Phentolate(0,010)*,155-Phosalone(0,010)*,156-Phosmet(0,010)*,157-Phosphamidone(0,010)*,158-Pirimicarb(0,010)*,159-Pirimiphosethyl(0,01
0)*,160-Pirimiphosmethyl(0,010)*,161-Profenophos(0,010)*,162-Profoxydim(0,010)*,163-Propachlor(0,010)*,164-Propamocarb(0,010)*,165-Propiconazole(0,010)*,166-Propoxur(0
010)*,167-Propyzamide(0,010)*,168-Proflumuron(0,010)*,169-Prothiophos(0,010)*,170-Pymetrozine(0,010)*,171-Pyriaclostrobin(0,010)*,172-Pyridaphenthion(0,010)*,173-Pyrida
ce(0,010)*,174-Pyriproxyfen(0,010)*,175-Quinoxifen(0,010)*,176-Resmethrin(0,010)*,177-Spinosad(0,010)*,178-Spirodiclofen(0,010)*,179-Spiroxamine(0,010)*,180-Sulfotep(0,01
0)*,181-Sulprofos(0,010)*,182-Tafluvalinate(0,010)*,183-Tebufenpyrad(0,010)*,184-Teflubenzuron(0,010)*,185-Temefos(0,010)*,186-Terbufos(0,010)*,187-Terbutryn(0,010)*,1
88-Tetrachlorvinphos(0,010)*,189-Thiabendazole(0,010)*,190-Thiacloprid(0,010)*,191-Thiamethoxam(0,010)*,192-Thiocyclamhydrogenoxalate(0,010)*,193-Thiodicarb(0,010)*,19
4-Thiofanate(0,010)*,195-Tolyfluandil(0,010)*,196-Triallate(0,010)*,197-Triadimefon(0,010)*,198-Triadimenol(0,010)*,199-Triazophos(0,010)*,200-Trichlorphor(0,010)*,2
01-Trifloxystrobin(0,010)*,202-Trifluzoxazole(0,010)*,203-Triflorin(0,010)*,204-Trisulfuronmethyl(0,010)*,205-Venolol(0,010)*,206-Zoxamide(0,010)*,207-4,4Dichlorobenzophenone
1,010),208-Chlorfenvinphos(0,010),209-Acrinathrin(0,010),210-Flonicamid(0,010),211-Allethrin(0,010),212-Ametryn(0,010),213-Aminocarb(0,010),214-Azaconazole(0,010),215-Az
methiphos(0,010),216-Azinphosethyl(0,010),217-Azinphosmethyl(0,010),218-Benodanil(0,010),219-Benoxacor(0,010),220-Bensulfuronmethyl(0,010),221-Benthiavalcip-isopropyl(0
010),222-Bifenox(0,010),223-Bromfenvinfos(0,010),224-Butafenacil(0,010),225-Butamifos(0,010),226-Chlorotoluron(0,010),227-Chlorpropham(0,010),228-Chlorthiophos(0,010),2

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Yapılan Analizler	Birim	Sonuçlar	Ölçüm Limiti	Geri Kazanım	Ölçüm Belirsizliği	Analiz Metodu	Değ.
29-Cinidonethyl(0,010),230-Clodinafoppropargyl(0,010),231-Clethodim(0,010),232-Clopyralid(0,010),233-Clquintocet-1-methylhexyl(0,010),234-Crufomate(0,010),235-Cyanophos(0,010),236-Cyanofenphos(0,010),237-Cyazofamid(0,010),238-Cyhalofopbuthyl(0,010),239-Cycloxydim(0,010),240-Cyphenothrin(0,010),241-Cyromazine(0,010),242-Dazomet(0,010),243-Demeton-S-methyl-sulfone(0,010),244-Dialifos(0,010),245-Diallate(0,010),246-Dichlofenthion(0,010),247-Dichlofop-methyl(0,010),248-Difenoxuron(0,010),249-Diflufenican(0,010),250-Dimefuron(0,010),251-Dimethylvinpos(0,010),252-Dinitramine(0,010),253-Dinotefuran(0,010),254-Diuron(0,010),255-Edifenphos(0,010),256-Ethalfuralin(0,010),257-Etofenprox(0,010),258-Fenamidon(0,010),259-Fenobucarb(0,010),260-Fenoxapropethyl(0,010),261-Fenpropimorph(0,010),262-Fenthionoxsulfone(0,010),263-Fipronil(0,010),264-Fluazinam(0,010),265-Flufenacet(0,010),266-Fluorochloridone(0,010),267-Fluoroimide(0,010),268-Fluoroglycenethyl(0,010),269-Flutriafol(0,010),270-Fonofos(0,010),271-Foramsulfuron(0,010),272-Forchlorfenuron(0,010),273-Fuberidazole(0,010),274-Haloxyfop2ethoxyethyl(0,010),275-Isoxathion(0,010),276-MCPB(0,010),277-Mefanpyrdiethyl(0,010),278-Mepanipyrin(0,010),279-Metamitron(0,010),280-Metolcarb(0,010),281-Molinate(0,010),282-Monuron(0,010),283-Napropamide(0,010),284-Neburon(0,010),285-Nicosulfuron(0,010),286-Nitrofen(0,010),287-Nitralin(0,010),288-Novaluron(0,010),289-otep(0,010),290-Pachlobutrazol(0,010),291-Paraoxonmethyl(0,010),292-Penoxsulam(0,010),293-Phorate(0,010),294-Picoxystrobin(0,010),295-Pinoxaden(0,010),296-Piperophos(0,010),297-Prometryn(0,010),298-Propanil(0,010),299-Propaqualop(0,010),300-Propargite(0,010),301-Propazine(0,010),302-Propam(0,010),303-Propoxycarbazonesodium(0,010),304-Prosulfocarb(0,010),305-Prothoate(0,010),306-Pyridate(0,010),307-Pyrimethanil(0,010),308-Pyrimitate(0,010),309-Quinoclamine(0,010),310-Quinthiophos(0,010),311-Quizalafop-p-ethyl(0,010),312-Rimsulfuron(0,010),313-Rotenone(0,010),314-Sebuthylazine(0,010),315-Sethoxydim(0,010),316-Simazine(0,010),317-Spinteram(0,010),318-Sulfentrazone(0,010),319-Sulfoxaflo(0,010),320-Tebuconazole(0,010),321-Tebupirimfos(0,010),322-Terbacil(0,010),323-Terbuthylazine(0,010),324-Tetramethrin(0,010),325-Thifensulfuronmethyl(0,010),326-Thiobencarb(0,010),327-Thiofanox(0,010),328-Thiometon(0,010),329-Tralkoxydim(0,010),330-Trialsulfuron(0,010),331-Tricopyr(0,010),332-Tricyclazole(0,010),333-Triticonazole(0,010),334-Warfarin(0,010),335-XMC(0,010),336-2.4.5DT(0,010),337-2.4-Diethylaniline(0,010),338-2.4-Dimethylformamide(0,010),339-Abamectin(0,010),340-Acibenzolar-S-methyl(0,010),341-Amectoctradin(0,010),342-Benfurcarb(0,010),343-Bifenazate(0,010),344-Bromophos-ethyl(0,010),345-Bromoxynil(0,010),346-Bromuconazole(0,010),347-Butralin(0,010),348-Cadusafos(0,010),349-Carboxin(0,010)*,350-Chlorantraniliprole(0,010),351-Chloridazon(0,010),352-Chlorosulfuron(0,010),353-Clothianidin(0,010),354-Cyflufenamid(0,010),355-DEET(0,010),356-demeton-S-methylsulfoxide(0,010),357-desmedipham(0,010),358-diafenthiuron(0,010),359-dicamba(0,010),360-dichlorprop-P(0,010),361-dimethanamidmethanamid-P(0,010),362-diphenamid(0,010),363-diphnylamine(0,010),364-fenamiphossulfone(0,010),365-fenamiphossulfoxide(0,010),366-fenbuconazole(0,010),367-fenbutatinoxide(0,010),368-fenchlorozole(0,010),369-fenproximate(0,010),370-fenthionsulfone(0,010),371-fenthionsulfoxid(0,010),372-fluopicolide(0,010),373-formetanate(0,010),374-hymexazole(0,010),375-Iodosulfuron-methyl(0,010),376-lenacil(0,010),377-mandipropamid(0,010),378-MCPA(0,010),379-mephtyldinocap(0,010),380-methoxyfenozide(0,010),381-metrofenone(0,010),382-pebulate(0,010),383-pentachlorophenol(0,010),384-phenmedipham(0,010),385-phoxim(0,010),386-picloram(0,010),387-prochloraz(0,010),388-promecarb(0,010),389-pyrazosulfuron-methyl(0,010),390-pyriifenox(0,010),391-quinalphos(0,010),392-spirotetramat(0,010),393-Tebufenozide(0,010),394-tepraloxym(0,010),395-Tetraconazole(0,010)*,396-thionazin(0,010),397-tridemorph(0,010),398-vamidothionsulfone(0,010),399-vamidothionsulfoxide(0,010),400-vamidothion(0,010)							

Sonuçlar; TGK Pestisitlerin Maksimum Kalıntı Limitleri Yönetmeliği (25.08.2014-29099) değerlerine göre uygundur.

Yapılan muayene ve analiz sonucunda yukarıda belirtilen değerler tespit edilmiştir.

Not: 1. Geri kazanım ile düzeltilmiş sonuçtur. Ölçüm belirsizliği %95 güven aralığında genişletilmiş olarak verilmiştir (k:2).

2. Bu analiz raporunun hiçbir bölümü tek başına veya ayrı ayrı kullanılamaz. İmzasız ve mühürlü raporlar geçersizdir.

3. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

4. Gerektiğinde "Ölçüm Belirsizliği" ve "Geri Kazanım" oranları analiz sonucu ile birlikte verilir.

5. " * " işaretli analizler TÜRKAK akreditasyon kapsamındadır.

6. " ** " işaretli analizler IAS akreditasyon kapsamındadır.

7. Adli ve İdari İşlemler ile reklam amacıyla kullanılamaz.

8. Kısaltmalar **T.E:**Tespit Edilemedi , **U:**Uygun , **UD:**Uygun Değil , **DY:**Değerlendirme Yapılmadı , **DNA İ.E.:**DNA İzole Edilemedi

Mehmet KESER

Katılı Kalıntı Mineral Analiz

Lab. Birim Sorumlusu

Kimyager

TASDİK OLUNUR
26.07.2016

Levent ELİBOL
Laboratuvar Müdürü
Yüksek Kimyager

Numune Kabul ve Rapor
Düzenleme Birim Sorumlusu
Metin ATKALE

Biyolog