



TARIM VE ORMAN BAKANLIĞI  
MSA ÖZEL GIDA KONTROL LABORATUVARI  
(MSA PRIVATE CONTROL LABORATORY)



MUAYENE VE ANALİZ RAPORU  
(ANALYSIS REPORT)

AB-0535-T

0337

01-19

<b>Rapor No</b>	(Report No)	: 0337	<b>Tarih (Date)</b>	: 13.01.2019
<b>Analizin Amacı</b>	(Reason of analysis)	: Özel İstek		
<b>Numuneyi Gönderen</b>	(Sample sent by)	: Sinerji Lojistik Gıda Tar.Tur.z.Teks.İnş.Taş.Danışma İth.İhr.Tic.Ve San.Ltd.Şti. *		
<b>Gönderici Adresi</b>		: Gaziler Köyü 335. Sok.No:32 Kepez/ Antalya		
<b>Numunenin Laboratuvara Geldiği Tarih ve Saat</b>	(Date and Time of Receipt of Sample)	: 13.01.2019 - 21:48		
<b>Analizin Başlama ve Bitiş Tarihi</b>	(Date of Beginning and End of Analysis)	: 13.01.2019 - 13.01.2019		
<b>Numunenin gönderildiği yazının tarih ve sayısı</b>	(Date and number of official paper)	: 13.01.2019 - -		
<b>Numunenin ; (Samples)</b>				
<b>Cinsi</b>	(Type)	: Kopya Biber		
<b>Ambalaj Şekli</b>	(Package)	: Naylon Torba		
<b>Üretim ve Son Kullanma Tarihi</b>	(Production and Expire Date)	: -		
<b>Seri-Parti-Parsel No</b>	(Serial-Lot No)	: -		
<b>Miktarı(Net)</b>	(Amount)	: 2 kg		
<b>Üretici Firma/ Kişi Adı/ Kodu/Adresi</b>	(Name and address of producing company)	: Cemil Keskin		
<b>Üretim Yeri</b>	(Place of production)	: -		
<b>Rapor Sayfa Sayısı</b>	(Total page)	: 2		

Yapılan Analizler (Analyses)	Sonuç (mg/kg) (Result)	Ölçüm Belirsizliği (Uncert. Measurement)	Raporlama Limiti (Rep. Limit)	%Geri Kazanım (Recovery)	Metod (Method)	EU MRL mg/kg**	Cihaz (Instrument)
Metrafenone (mg/kg)	0,014	±0,007	0,010		AOAC 2007.01, 2007	2	LC-MS/MS

**Analizi Yapılan Pestisit Etken Maddeleri**

2,4,D* (mg/kg)0,005 / 2,4'-DDD* (mg/kg)0,01 / 2,4'-DDE* (mg/kg)0,01 / 2,4'-DDT* (mg/kg)0,01 / 2,4-Dimethylaniline* (mg/kg)0,01 / 4,4'-DDD* (mg/kg)0,01 / 4,4'-DDE* (mg/kg)0,01 / 4,4'-DDT* (mg/kg)0,01 / Abamectin * (mg/kg)0,01 / Acephate * (mg/kg)0,01 / Acetamidiprid * (mg/kg)0,01 / Acetochlor * (mg/kg)0,01 / Acibenzolar-S-methyl * (mg/kg)0,01 / Aclonifen * (mg/kg)0,01 / Acrinathrin * (mg/kg)0,01 / Alachlor * (mg/kg)0,01 / Aldicarb * (mg/kg)0,01 / Aldicarb Sulfone* (mg/kg)0,01 / Aldicarb Sulfoxide* (mg/kg)0,01 / Aldrin (HHDN) * (mg/kg)0,01 / Ametoctradin (mg/kg)0,01 / Amitraz * (mg/kg)0,01 / Atrazine * (mg/kg)0,01 / Azinphos-ethyl * (mg/kg)0,01 / Azinphos-methyl * (mg/kg)0,01 / Azoxystrobin * (mg/kg)0,01 / Benalaxyl * (mg/kg)0,01 / Benfuracarb* (mg/kg)0,01 / Bensulfuron Methyl* (mg/kg)0,01 / Bentazone* (mg/kg)0,01 / Bifenazate (mg/kg)0,01 / Bifenthrin * (mg/kg)0,01 / Bitertanol * (mg/kg)0,01 / Boscalid* (mg/kg)0,01 / Bromacil * (mg/kg)0,01 / Bromophos-ethyl * (mg/kg)0,01 / Bromophos-methyl* (mg/kg)0,01 / Bromopropylate * (mg/kg)0,01 / Bromoxynil* (mg/kg)0,01 / Bromuconazole * (mg/kg)0,01 / Bupirimate * (mg/kg)0,01 / Buprofezin * (mg/kg)0,01 / Butocarboxim* (mg/kg)0,01 / Cadusafos * (mg/kg)0,01 / Captan * (mg/kg)0,01 / Carbaryl * (mg/kg)0,01 / Carbendazim/Benomyl * (mg/kg)0,008 / Carbofuran * (mg/kg)0,01 / Carbosulfan * (mg/kg)0,01 / Carboxin * (mg/kg)0,01 / Carfentrazone-Ethyl* (mg/kg)0,01 / Chinomethionat * (mg/kg)0,01 / Chlorantranilprole (mg/kg)0,01 / Chlorbromuron* (mg/kg)0,01 / Chlordane (sum)* (mg/kg)0,01 / Chlordane-cis (alpha)* (mg/kg)0,01 / Chlordane-trans (gamma)* (mg/kg)0,01 / Chlorfenapyr* (mg/kg)0,01 / Chlorfenvinphos* (mg/kg)0,01 / Chlorfluzuron * Chloridazon* (mg/kg)0,01 / Chlorothalonil * (mg/kg)0,01 / Chlorpropham * (mg/kg)0,01 / Chlorpyrifos * (mg/kg)0,005 / Chlorpyrifos-methyl * (mg/kg)0,01 / Chlorsulfuron* (mg/kg)0,01 / Chlorthalidimethyl* (mg/kg)0,01 / Clethodim* (mg/kg)0,01 / Clodinafop-Propargyl* (mg/kg)0,01 / Clofentezine * (mg/kg)0,01 / Clothianidin* (mg/kg)0,01 / Cyazofamid (mg/kg)0,01 / Cycloate * (mg/kg)0,01 / Cyfluthrin (sum)* (mg/kg)0,01 / Cyfluthrin-beta* (mg/kg)0,01 / Cyflufenamid (mg/kg)0,01 / Cymoxanil * (mg/kg)0,01 / Cypermethrin (sum)* (mg/kg)0,01 / Cypermethrin-alpha* (mg/kg)0,005 / Cyproconazole * (mg/kg)0,01 / Cyprodinil * (mg/kg)0,01 / Dazomet * (mg/kg)0,01 / Dazomet * (mg/kg)0,01 / Deltamethrin* (mg/kg)0,01 / Demeton (sum)* (mg/kg)0,01 / Demeton * (mg/kg)0,01 / Demeton-s-methyl* (mg/kg)0,01 / Demeton-s-methylsulfon* (mg/kg)0,01 / Desmedipham (mg/kg)0,01 / Diafenthion* (mg/kg)0,01 / Diazinon* (mg/kg)0,01 / Dichlfluandil* (mg/kg)0,01 / Dichlorvos * (mg/kg)0,01 / Diclofop methyl* (mg/kg)0,01 / Dicofol * (mg/kg)0,01 / Dicrotophos* (mg/kg)0,01 / Dieldrin * (mg/kg)0,01 / Diethofencarb* (mg/kg)0,01 / Difenconazole* (mg/kg)0,01 / Diflubenzuron* (mg/kg)0,01 / Dimethenamid* (mg/kg)0,01 / Dimethenamid* (mg/kg)0,01 / Dimethoate(sum)* (mg/kg)0,01 / Dimethoate* (mg/kg)0,01 / Dimethomorph* (mg/kg)0,01 / Diniconazole* (mg/kg)0,01 / Dinobuton* (mg/kg)0,01 / Dinocap* (mg/kg)0,01 / Dioxacarb (mg/kg)0,01 / Diphenamid* (mg/kg)0,01 / Diphenylamine* (mg/kg)0,01 / Disulfoton (sum)* (mg/kg)0,01 / Disulfoton * (mg/kg)0,01 / Disulfoton-sulfon* (mg/kg)0,01 / Disulfoton-sulfoxide* (mg/kg)0,01 / Dithianon* (mg/kg)0,01 / Diuron* (mg/kg)0,01 / DMST (mg/kg)0,01 / Dodemorph* (mg/kg)0,01 / Dodine (mg/kg)0,01 / Emamectine (sum) (mg/kg)0,01 / Endosulfan (sum)* (mg/kg)0,002 / Endosulfan-alpha* (mg/kg)0,002 / Endosulfan-beta* (mg/kg)0,002 / Endosulfan-sulfate* Endrin* (mg/kg)0,01 / Epoxiconazole* (mg/kg)0,01 / EPN (mg/kg)0,01 / EPTC* (mg/kg)0,01 / Esfenvalerate* (mg/kg)0,01 / Ethalfuralin* (mg/kg)0,01 / Ethiofencarb (sum)* (mg/kg)0,01 / Ethiofencarb* (mg/kg)0,01 / Ethiofencarb-sulfone* (mg/kg)0,01 / Ethiofencarb-sulfoxide* (mg/kg)0,01 / Ethion* (mg/kg)0,01 / Ethirimol* (mg/kg)0,01 / Ethofomesate* (mg/kg)0,01 / Ethoprophos* (mg/kg)0,01 / Etiofenprox* (mg/kg)0,01 / Etozazole* (mg/kg)0,01 / Famoxadone* (mg/kg)0,01 / Fenamidone* (mg/kg)0,01 / Fenamiphos * (mg/kg)0,01 / Fenamiphos-Sulfone (mg/kg)0,01 / Fenarimol* (mg/kg)0,01 / Fenazaquin* (mg/kg)0,01 / Fenbuconazole* (mg/kg)0,01 / Fenhexamid* (mg/kg)0,01 / Fenitrothion* (mg/kg)0,01 / Fenoxaprop-Ethyl* (mg/kg)0,01 / Fenoxycarb* (mg/kg)0,01 / Fenpropathrin* (mg/kg)0,01 / Fenpropidin (mg/kg)0,01 / Fenpropimorph (mg/kg)0,01 / Fenpyroximate* (mg/kg)0,01 / Fenthion oxon sulfoxide (mg/kg)0,01 / Fenthion (sum)* (mg/kg)0,01 / Fenthion* (mg/kg)0,01 / Fenthion sulfon* (mg/kg)0,01 / Fenthion sulfoxide* (mg/kg)0,01 / Fenvelarate* (mg/kg)0,01 / Fipronil (mg/kg)0,01 / Fluzifop-p-butyl* (mg/kg)0,01 / Fluziazinam* (mg/kg)0,01 / Flubendiamide (mg/kg)0,01 / Fludioxonil* (mg/kg)0,01 / Flufenoxuron* (mg/kg)0,01 / Fluopicolide (mg/kg)0,01 / Fluopyram (mg/kg)0,01 / Flurochloridone* (mg/kg)0,01 / Fluroxypr * (mg/kg)0,01 / Flusilazole* (mg/kg)0,01 / Flutriafol* (mg/kg)0,01 / Fluquinconazole (mg/kg)0,01 /
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Folpet\* (mg/kg)0,01 / Fonofos\* (mg/kg)0,01 / Forchlorfenuron (mg/kg)0,01 / Formetanate \* (mg/kg)0,01 / Formothion\* (mg/kg)0,01 / Fosthiazate (mg/kg)0,01 / Furathiocarb\* (mg/kg)0,01 / Haloxyfop (mg/kg)0,01 / Haloxyfop2ethoxyethyl (mg/kg)0,01 / Haloxyfop-Methyl\* (mg/kg)0,01 / HCH-alpha\* (mg/kg)0,01 / HCH-beta\* (mg/kg)0,01 / HCH-gamma (Lindane)\* (mg/kg)0,01 / Heptachlor\* (mg/kg)0,01 / Heptachlor-Endoepoxide\* (mg/kg)0,01 / Heptachlor-Exoepoxide\* (mg/kg)0,01 / Heptenophos\* (mg/kg)0,01 / Hexachlorobenzene\* (mg/kg)0,01 / Hexaconazole\* (mg/kg)0,01 / Hexaflumuron\* (mg/kg)0,01 / Hexythiazox\* (mg/kg)0,01 / Imazalil\* (mg/kg)0,01 / Imazapyr (mg/kg)0,01 / Imidacloprid\* (mg/kg)0,01 / Indoxacarb\* (mg/kg)0,01 / Iodosulfuron Methyl\* (mg/kg)0,01 / Ioxynil\* (mg/kg)0,01 / Iprodione\* (mg/kg)0,01 / Iprovalicarb\* (mg/kg)0,01 / Isocarbophos (mg/kg)0,01 / Isoprothiolane (mg/kg)0,01 / Isoprazam (mg/kg)0,01 / Kresoxim-methyl\* (mg/kg)0,01 / Lambda-Cyhalothrin\* (mg/kg)0,01 / Lenacil\* (mg/kg)0,01 / Linuron\* (mg/kg)0,01 / Lufenuron\* (mg/kg)0,01 / Malaoxon\* (mg/kg)0,01 / Malathion\* (mg/kg)0,01 / Mandipropamid (mg/kg)0,01 / MCPA\* (mg/kg)0,01 / Mecarbam\* (mg/kg)0,01 / Mepanipirim (mg/kg)0,01 / Mepanipirim-2-Hydroxypropyl (mg/kg)0,01 / Metalaxyl\* (mg/kg)0,01 / Metalaxyl -M \* (mg/kg)0,01 / Metamitron\* (mg/kg)0,01 / Methacrifos\* (mg/kg)0,01 / Methamidophos\* (mg/kg)0,01 / Methidathion\* (mg/kg)0,01 / Methiocarb (sum)\* (mg/kg)0,01 / Methiocarb\* (mg/kg)0,01 / Methiocarb-sulfone\* (mg/kg)0,01 / Methiocarb-sulfoxide\* (mg/kg)0,01 / Methomyl \* (mg/kg)0,01 / Methoxychlor\* (mg/kg)0,01 / Methoxyfenozide (mg/kg)0,01 / Metolachlor\* (mg/kg)0,01 / Metosulam (mg/kg)0,01 / Metrafenone (mg/kg)0,01 / Metribuzin\* (mg/kg)0,01 / Mevinphos\* (mg/kg)0,01 / Monalinate\* (mg/kg)0,01 / Monocrotophos\* (mg/kg)0,01 / Monolinuron\* (mg/kg)0,01 / Myclobutanil\* (mg/kg)0,01 / N-2,4-Dimethylphenyl-N-methyl formamidine\* (mg/kg)0,01 / Nicosulfuron\* (mg/kg)0,01 / Nitrofen\* (mg/kg)0,01 / Novaluron Nuarimol\* (mg/kg)0,01 / Nuarimol\* (mg/kg)0,01 / Omethoate\* (mg/kg)0,01 / Oxadixyl\* (mg/kg)0,01 / Oxamyl\* (mg/kg)0,01 / Oxyacarbonyl (mg/kg)0,01 / Oxyfluorfen\* (mg/kg)0,01 / Paclobutrazole\* (mg/kg)0,01 / Paraoxon-Ethyl\* (mg/kg)0,01 / Paraoxon-Methyl (mg/kg)0,01 / Parathion-ethyl\* (mg/kg)0,01 / Parathion-methyl\* (mg/kg)0,02 / Penconazole\* (mg/kg)0,005 / Pencycuron (mg/kg)0,01 / Pendimethalin\* (mg/kg)0,01 / Permethrin \* (mg/kg)0,01 / Phenmedipham\* (mg/kg)0,01 / Phenthoate\* (mg/kg)0,01 / Phorate\* (mg/kg)0,01 / Phorate\* (mg/kg)0,01 / Phorate-Sulfoxide (mg/kg)0,01 / Phorate Sulfone (mg/kg)0,01 / Phosalone\* (mg/kg)0,01 / Phosmet \* (mg/kg)0,01 / Phosphamidon\* (mg/kg)0,01 / Picolinafen\* (mg/kg)0,01 / Pirimicarb\* (mg/kg)0,01 / Pirimicarb-desmethyl (mg/kg)0,01 / Pirimiphos methyl\* (mg/kg)0,004 / Pirimiphos-ethyl\* (mg/kg)0,01 / Prochloraz\* (mg/kg)0,01 / Procymidone\* (mg/kg)0,01 / Profenofos\* (mg/kg)0,01 / Profoxydim\* (mg/kg)0,01 / Promecarb\* (mg/kg)0,01 / Prometryn\* (mg/kg)0,01 / Propamocarb HCL\* (mg/kg)0,01 / Propamocarb\* (mg/kg)0,01 / Propaquizafop\* (mg/kg)0,01 / Propargite\* (mg/kg)0,01 / Propazine\* (mg/kg)0,01 / Propiconazole\* (mg/kg)0,01 / Propoxur\* (mg/kg)0,01 / Propyzamide\* (mg/kg)0,01 / Prothioconazole-desthio (mg/kg)0,01 / Prothiophos\* (mg/kg)0,01 / Pymetrozine\* (mg/kg)0,01 / Pyraclostrobin\* (mg/kg)0,01 / Pyrazophos\* (mg/kg)0,01 / Pyridaben\* (mg/kg)0,01 / Pyridaphenthion\* (mg/kg)0,01 / Pyridate\* (mg/kg)0,01 / Pyrimethanil\* (mg/kg)0,01 / Pyriproxyfen\* (mg/kg)0,01 / Quinalphos\* (mg/kg)0,01 / Qinoxifen\* (mg/kg)0,01 / Quintozene\* (mg/kg)0,01 / Quizalofop-Ethyl\* (mg/kg)0,01 / Rimsulfuron\* (mg/kg)0,01 / Sethoxydim\* (mg/kg)0,01 / Simazine\* (mg/kg)0,01 / Spinosad\* (mg/kg)0,01 / Spirodiclofen\* (mg/kg)0,01 / Spiromesifen (mg/kg)0,01 / Spirotetramat\* (mg/kg)0,01 / Spiroxamine\* (mg/kg)0,01 / Sulfoxaflor (mg/kg)0,01 / Tau-fluvalinate\* (mg/kg)0,01 / Tebuconazole\* (mg/kg)0,01 / Tebufenozide\* (mg/kg)0,01 / Tebufenpyrad\* (mg/kg)0,01 / Tecnazene\* (mg/kg)0,01 / Teflubenzuron\* (mg/kg)0,01 / Tefluthrin\* (mg/kg)0,01 / Tepaloxymid\* (mg/kg)0,01 / Terbufos (sum)\* (mg/kg)0,01 / Terbufos\* (mg/kg)0,01 / Terbufos sulfone\* (mg/kg)0,01 / Terbufos sulfoxide\* (mg/kg)0,01 / Terbutylazine\* (mg/kg)0,01 / Terbutryn\* (mg/kg)0,01 / Tetrachlorvinphos\* (mg/kg)0,01 / Tetraconazole\* (mg/kg)0,01 / Tetraconazole\* (mg/kg)0,01 / Tetradiphon\* (mg/kg)0,01 / Tetramethrin (mg/kg)0,01 / Tetrasul\* (mg/kg)0,01 / Thiabendazole\* (mg/kg)0,01 / Thiachloprid\* (mg/kg)0,01 / Thiofanox (sum)\* (mg/kg)0,01 / Thiofanox\* (mg/kg)0,01 / Thiofanox sulfone\* (mg/kg)0,01 / Thiofanox sulfoxide\* (mg/kg)0,01 / Thiamethoxam\* (mg/kg)0,01 / Thifensulfuron methyl\* (mg/kg)0,01 / Thiobencarb (Benthiocarb)\* (mg/kg)0,01 / Thiodicarb\* (mg/kg)0,01 / Thiometon\* (mg/kg)0,01 / Thiophanate-methyl\* (mg/kg)0,01 / Tolclofos-methyl\* (mg/kg)0,01 / Tolfenpyrad (mg/kg)0,01 / Tolyfluanid\* (mg/kg)0,01 / Tralkoxidym\* (mg/kg)0,01 / Triadimefon\* (mg/kg)0,01 / Triadimenol\* (mg/kg)0,01 / Triallate (Tri-allate)\* (mg/kg)0,01 / Triasulfuron\* (mg/kg)0,01 / Triazophos\* (mg/kg)0,01 / Trichlorfon\* (mg/kg)0,01 / Trifloxystrobin\* (mg/kg)0,01 / Triflumizole\* (mg/kg)0,01 / Trifluralin\* (mg/kg)0,01 / Triticonazole\* (mg/kg)0,01 / Vinclozolin\* (mg/kg)0,01 /

Referanslar: Steven, J. Lehotay. 2007. Determination of Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate: Collaborative Study, Journal of AOAC International Vol. 90, No.2,485-519.

\*\*Avrupa Gıda Kodeksi Limitleri (mg/kg) (EU MRL) Tespit Edilemedi:(Not Detected)

Pestisit Analiz Metodu: AOAC 2007.01, 2007

Yapılan muayene ve analizler sonucunda raporda belirtilen değerler tespit edilmiştir.

(As a result of the analysis, indicated values in the report are determined.)

NOT 1: Bu analiz raporu adli-idari işlemlerde ve reklam amacıyla kullanılamaz.

(This analysis report can not be used for the judicial-administrative and advertisement purposes.)

NOT 2: Bu analiz raporunun hiç bir bölümü tek başına veya ayrı ayrı kullanılamaz.(Any part of this analysis report is not used alone or separately.)

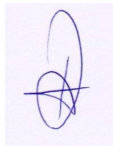
NOT 3: Analiz sonuçları yukarıda belirtilen numune için geçerlidir. (The results of the analysis valid for the sample above.)

NOT 4: İzinimiz alınmadan raporlarımız çoğaltılamaz ve yayınlanamaz. İmzasız ve mühürsüz raporlar geçersizdir.

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Laboratuvar Şefi  
(Chief of Laboratory)  
Dilek DANACI



Numune Kabul ve Raporlama Birim Sorumlusu.  
(Responsible of Sample Acceptance and Reporting Unit)  
Mustafa BAYRAM



*U. W. İpek*  
Tasdik Olunur. (Approved by)  
13.01.2019  
Mehmet Ali İPEK  
Sorumlu Müdür  
(Head of Laboratory)

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