



AB-1865-T

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2024/3171

02.24

T.C.
TARIM VE ORMAN BAKANLIĞI
BİLÇEV PRIVATE FOOD CONTROL LABORATORY
Kemalpaşa OSB Mah. İzmir Ankara Cad. No:20/Z02 Kemalpaşa/İZMİR.
REPORT of EXAMINATION and ANALYSIS

Report/Rev No/Rea. D. : 2024-3171 / 00 / 16.02.2024
The Purpose of Analysis : Private Request
Sample Sent by : FOCUS INSPECTION ULUSLARARASI GÖZETİM
DENETİM VE MUAYENE HİZMETLERİ LTD. ŞTİ.
Address : Kazım Dirik Mah. 284.Sk. Folkart Time Of's 2 D:813,
BORNOVA/İZMİR
Name of Sample : Hazelnut Kernels Natural 13-15 mm
Sample Temperature °C : 20°C
Sample Packaging : Sealed Nylon Bag
Production Date : 12.02.2024
Code Number :
The recommended consumption date :
Manufacturer :

Analysis Start - Finish : 14.02.2024 - 16.02.2024
Date :
Sample Arrival Date : 14.02.2024 10:18
Quantity : 1 kg
Sample Party No :
Expiration Date :
Seal Number : 4519
Location :
Sampling Report Date : 12.02.2024
and Number :

Analysis	Results	Analysis Method	P (%)	M.U.(±)	LOD/LOQ	Device	Ref.Value	E
1-*Pesticide Analysis (LC-MS/MS) (mg/kg)		AOAC 2007.01				LC-MS/MS		P
1-*Piperonil butoxide (mg/kg)	Not Detected	AOAC 2007.01			0,01	LC-MS/MS		NI
2-*Pesticide Analysis (GC-MS / MS) (mg/kg)	Not Detected	AOAC 2007.01				GC-MS/MS		P
3-*High Polarity Pesticide Analysis (IC-MS / MS) (mg/kg)		Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)				IC-MS/MS		P
1-*Ampa (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI
2-*Fosetyl (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI
3-*Glufosinate (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI
4-*Glyphosate (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		P
5-*Mppa (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI
6-*N-Acetyl Glufosinate (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI

Galip ÖZAYDINLI
Agricultural Engineer
Che.
Lab. Supervisor
e-signed

Büğra DURSUN
Manager of Sample
Accept. and Report

e-signed

Confirmable
16.02.2024
Zülfükar KARAÇAY
Lab. Manager

e-signed



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Analysis	Results	Analysis Method	R (%)	M.U.(±)	LOD/LOQ	Device	Ref.Value	E
7-*Phosphonic Acid (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		NI
8-*Fosetyl-Al (sum of fosetyl and phosphonic acid, in terms of fosetyl) (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		P
9-*Glufosinate (Glufosinate, N-Acetyl Glufosinate and MPPA sum, in terms of Glufosinate) (mg/kg)	Not Detected	Internal Method (Thermoscientific App.75915, QuPpe-PO- Method-Version 11)			0,01	IC-MS/MS		P
4-*Acidic Pesticide Analysis (LC- MS / MS) ⁽¹⁾⁽²⁾ (mg/kg)	Not Detected	5-URL-SRM Analysis of Acidic Pesticides Entailing Conjugates and/or Esters in their Residue Definitions				LC-MS/MS		P
5-*Dithiocarbamates (expressed as CS2) ⁽¹⁾⁽²⁾ (mg/kg)	Not Detected	Internal Method "KALISOP026/FR15" (Modified from J. Agric. Food Chem. 2001, 49)			0,01	HS/GC-MS		P

- As a result of the examination and analysis, the above-mentioned values were determined.
- No part of this report may be used alone or separately. Unsigned and unsealed reports are invalid.
- Analysis results are valid for the above-mentioned sample received. Sampling is not performed by our laboratory.
- When necessary, "Measurement Uncertainty" and "Recovery" rates are given with the analysis result. The uncertainty of measurement does not include the uncertainty of measurement resulting from sampling. In the case where measurement uncertainty is used, the coverage factor for expanded measurement uncertainty is the value found by multiplying $k=2$ and provides 95% confidence.
- It cannot be used for legal and administrative proceedings and for advertising purposes.
- Analysis methods marked with "*" are within the scope of accreditation.
- Abbreviations: P : Pass, F : Fail, N.I. : Not Interpreted, R.L. Recovery, M.U.: Measurement Uncertainty, LOD/LOQ: Detection Limit / Limit of Quantification
- For feed samples, the results were calculated taking into account the 12% moisture content.
- Bilçev Analysis Laboratories Inc., which operates as a test laboratory, has been accredited by TÜRKAK according to AB-1665-T and TS EN ISO/IEC 17025:2017 standard.
- The Turkish Accreditation Agency (TÜRKAK) has signed a Multilateral Agreement with the European Accreditation Association (EA) and a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC) on the recognition of test reports.
- Test and/or measurement results, expanded measurement uncertainties (if any) and test methods are given on the following pages, which are an integral part of this certificate.
- This report may not be copied or reproduced in whole or in part without the written permission of the Laboratory.
- The conclusion and declaration of conformity do not analytically meet the definition of residues.
- The results are suitable for TSK Pestisitlerin Maksimum Kalınla Yönetmeliği (27.09.2021-31611) ⁽¹⁾
- The results are suitable for EU Pesticides MRLs. ⁽²⁾

Acidic Pesticide Analysis (LC-MS / MS)

*2,4,5-T(0,01)	*2,4-D(0,01)	*2,4-D(0,01)	*2,4-DP (Dithiopyr)(0,01)	*2-Naphthylol Acetic Acid(0,01)	*3,5-Dichlorobenzoic Acid(0,01)
*4-CPA(0,01)	*6-Benzylguanine (Benzyladenine) (0,01)	*Benflazone(0,01)	*Bromoxynil(0,01)	*Carbendazim(0,01)	*Cyanilide(0,01)
*Delacon(0,01)	*Dicamba(0,01)	*Diflufen(0,01)	*Diflufenuron(0,01)	*Dinocap(0,01)	*Dinoseb(0,01)
*Divertol(0,01)	*DNOC(0,01)	*Egomet Sulfone(0,01)	*Flazafop - p(0,01)	*Fluazifone(0,01)	*Fluazifone(0,01)
*Fluroxypyr(0,01)	*Fluroxypyr(0,01)	*Fluroxypyr(0,01)	*Fluroxypyr(0,01)	*Isopropyl(0,01)	*MCPA(0,01)
*MCPB(0,01)	*MCPB (Mecoprop)(0,01)	*Methyl-Dinocap(0,01)	*Methifluthion(0,01)	*Nadifluren(0,01)	*TFN(0,01)
*TFNA(0,01)	*Safutolact-Dicamba(0,01)	*Sulfosulfon(0,01)	*Tribenzuron(0,01)	*Tridazop(0,01)	*Trifluralin(0,01)

Pesticide Analysis (GC-MS / MS)

*2,4-DDD(0,01)	*2,4-DDE(0,01)	*2,4-DDT(0,01)	*2,4-DDD(0,01)	*2,4-DDE(0,01)	*2,4-DDT(0,01)
*2-Phenylphenol(0,01)	*Acloniten(0,01)	*Acloniten(0,01)	*Acloniten(0,01)	*Acloniten(0,01)	*Acloniten(0,01)
*Alpha Cypermethrin(0,01)	*Anethoxy(0,01)	*Anethoxy(0,01)	*Anethoxy(0,01)	*Anethoxy(0,01)	*Anethoxy(0,01)
*Bromocyclopent(0,01)	*Bromophos Ethyl(0,01)	*Bromophos Methyl(0,01)	*Bromophos Methyl(0,01)	*Bromophos Methyl(0,01)	*Bromophos Methyl(0,01)
*Butylate(0,01)	*Captan(0,01)	*Captan(0,01)	*Captan(0,01)	*Captan(0,01)	*Captan(0,01)
*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)
*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)
*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)	*Chlorobutyl(0,01)
*Deltamethrin(0,01)	*Deltamethrin(0,01)	*Deltamethrin(0,01)	*Deltamethrin(0,01)	*Deltamethrin(0,01)	*Deltamethrin(0,01)

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benfencarb or fenitrothion and 3-OH carbosulfen expressed as carbosulfen (0.01)	carbovin sulfone, expressed as carbovin (0.01)	carfentrazone-ethyl (0.01)	chlorfenvin (0.01)	calculated as Sethoxydim (0.01)	as 3-(2-methylglutaryl) and 5-dioxo (B1 517-TGS02) and 3-Hydroxy-3-(3-benzyl) (B1 517-S-OH-TGS02) or methyl sulfone thenol, calculated in total as cycloxydim (0.01)
*Cypermethrin (sum of cypermethrin including other mixtures of constituent isomers (sum of isomers) (0.01))	*Diazinon (sum of diazinon, diazinon sulfide and diazinon sulfone expressed as diazinon) (0.01)	*Dinoseb (sum of dinoseb 51a, expressed as dinoseb) (0.01)	*Ethion (sum of ethion, its conjugate, expressed as ethion) (0.01)	*Fenamiphos (sum of fenamiphos and its sulfonate and sulfinate expressed as fenamiphos) (0.01)	*Fenitrothion (fenitrothion and its origin analogue, their sulfonates and sulfates expressed as parent) (0.01)
*Flonicamid (sum of flonicamid, FENG expressed as flonicamid) (0.01)	*Fluazifop-P (sum of all the persistent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop) (0.01)	*Flutolanil (sum of flutolanil, its conjugate, expressed as flutolanil) (0.01)	*Flutolanil (sum of flutolanil, its conjugate, expressed as flutolanil) (0.01)	*Flutolanil (sum of flutolanil, its conjugate, expressed as flutolanil) (0.01)	*Flutolanil (sum of flutolanil, its conjugate, expressed as flutolanil) (0.01)
*Haloxifop (sum of haloxifop, its esters, salts and conjugates expressed as haloxifop (sum of the R- and S-isomers at any ratio) (0.01))	*Isosulfatole (sum of isosulfatole and its diisotop (is-sulfatole), expressed as isosulfatole) (0.01)	*Isoprop (sum of isoprop-P and isoprop expressed as isoprop) (0.01)	*Isoprop (sum of isoprop-P and isoprop expressed as isoprop) (0.01)	*Isoprop (sum of isoprop-P and isoprop expressed as isoprop) (0.01)	*Isoprop (sum of isoprop-P and isoprop expressed as isoprop) (0.01)
*Methidathion (sum of methidathion including other mixtures of constituent isomers including S-methidathion (sum of isomers) (0.01))	*Mibacpyn (sum of mibacpyn A4 and mibacpyn A3, expressed as mibacpyn) (0.01)	*Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methyl sulfone expressed as oxydemeton-methyl) (0.01)	*Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methyl sulfone expressed as oxydemeton-methyl) (0.01)	*Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methyl sulfone expressed as oxydemeton-methyl) (0.01)	*Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methyl sulfone expressed as oxydemeton-methyl) (0.01)
*Propoxycarbazon (propoxycarbazon, its salts and 2-hydroxypropoxycarbazon expressed as propoxycarbazon) (0.01)	*Prothioconazole (prothioconazole-dithiol (sum of isomers) (0.01))	*Pyraflufen-ethyl (sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl) (0.01)	*Pyraflufen-ethyl (sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl) (0.01)	*Pyraflufen-ethyl (sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl) (0.01)	*Pyraflufen-ethyl (sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl) (0.01)
*Spinex (sum of spinex A and spinex D) (0.01)	*Spinex (sum of spinex A and spinex D) (0.01)	*Spinex (sum of spinex A and spinex D) (0.01)	*Spinex (sum of spinex A and spinex D) (0.01)	*Spinex (sum of spinex A and spinex D) (0.01)	*Spinex (sum of spinex A and spinex D) (0.01)
*Aldicarb (Aldicarb, aldicarb sulfide and aldicarb sulfone toluene, aldicarb oxadiazole) (0.01)	*Olimethanil (Olimethanil-P (peran biogen (izomerler) diğer konjugatlar (izomerler) toluen)) (0.01)	*Olimethanil (Olimethanil-P (peran biogen (izomerler) diğer konjugatlar (izomerler) toluen)) (0.01)	*Olimethanil (Olimethanil-P (peran biogen (izomerler) diğer konjugatlar (izomerler) toluen)) (0.01)	*Olimethanil (Olimethanil-P (peran biogen (izomerler) diğer konjugatlar (izomerler) toluen)) (0.01)	*Olimethanil (Olimethanil-P (peran biogen (izomerler) diğer konjugatlar (izomerler) toluen)) (0.01)
*Prodiamid (0.01)	*Prodiamid (0.01)	*Prodiamid (0.01)	*Prodiamid (0.01)	*Prodiamid (0.01)	*Prodiamid (0.01)
*Dimpropridaz 100 (0.01)	*Dimpropridaz 100 (0.01)	*Dimpropridaz 100 (0.01)	*Dimpropridaz 100 (0.01)	*Dimpropridaz 100 (0.01)	*Dimpropridaz 100 (0.01)
*Spinex (0.01)	*Spinex (0.01)	*Spinex (0.01)	*Spinex (0.01)	*Spinex (0.01)	*Spinex (0.01)

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End Of Report

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