



**Commodities International
Shipping and Survey**



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CISS Group PTE. LTD.

10, Anson Road, #29-05 A, International Plaza, Singapore, 079903.

e-mail: inspection@ciiss-group.com

CERTIFICATE No.: UA01100

ORIGINAL

CERTIFICATE OF ANALYSIS

In pursuance of an order received from our principal, requesting us to carry out inspection we hereby confirm as follows:

Description of goods:	Crude Sunflower Oil in bulk
Vessel:	MT Paceas
Quantity:	1999,960 MT
B/L No. & Date:	NO. 1, 2, 3 DD. 07.07.2021
Shipper:	"IZMAIL-TRANSBULKTERMINAL" LLC Address: Ukraine, Odessa region, Izmail, Aerodromne shosse,2 ON BEHALF OF TRADE AGRI EUROPE LTD "ODESKA TORGOVA KOMPANIA" LLC Address: Ukraine, Odessa Region, Odessa, Church str.,19 ON BEHALF OF TRADE AGRI EUROPE LTD "GRAIN TRADING HOUSE" LLC Address: Ukraine, Kyiv, str. Vasylkivska, 2-A ON BEHALF OF TRADE AGRI EUROPE LTD
Consignee:	Astra Bioplant LTD, 23 Bulgaria str, 7060 Slivo Pole, Bulgaria VAT: BG117650594
Notify address:	Astra Bioplant LTD, 23 Bulgaria str, 7060 Slivo Pole, Bulgaria VAT: BG117650594
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	Ruse, Bulgaria
Vessel Tanks Nos.:	1P, 2P, 3P, 4P, 5P, 1S, 2S, 3S, 4S AND 5S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P, 2P, 3P, 4P, 5P, 1S, 2S, 3S, 4S AND 5S of MT Paceas and sealed from vessel's tanks after competition of loading according to FOSFA CONTRACT No.54.

The following results of analysis have been obtained:





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
2,4-D butyl ester	SGS-UA1-0013 GC/MS *	ppm	NA	0.05	<0.05
Aldrin	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Anthraquinone	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Biphenyl	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Bromophos methyl	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Bromopropylate	SGS-UA1-0013 GC/MS *	ppm	NA	0.05	<0.05
Butachlor	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Captafol	SGS-UA1-0013 GC/MS *	ppm	NA	0.02	<0.02
Captan	SGS-UA1-0013 GC/MS *	ppm	NA	0.05	<0.05
Chinomethionat	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Chlordane (cis, trans)	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Chlorfenapyr	SGS-UA1-0013 GC/MS *	ppm	NA	0.02	<0.02
Chlorfenson	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Chlozolate	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Cyanofenphos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Cyfluthrin	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
DDD, o,p-	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
DDD, p,p'	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
DDE, o,p-	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
DDE, p,p'	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
DDT, o,p-	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
DDT, p,p'	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Dichlobenil	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Dichlofenthion	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Dicloran	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Dicofol	SGS-UA1-0013 GC/MS *	ppm	NA	0.1	<0.1
Dieldrin	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Dioxathion	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Ditalimfos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Endosulfan I	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Endosulfan II	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Endosulfan sulfate	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Endrin	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Endrin aldehyde	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Endrin ketone	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Esfenvalerate	SGS-UA1-0013 GC/MS *	ppm	NA	0.05	<0.05
Ethoprophos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Etridiazole	SGS-UA1-0013 GC/MS *	ppm	NA	0.1	<0.1
Etrimphos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fenchlorphos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fenitrothion	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fenson	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fensulfothion	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fenthion oxon sulfoxide	SGS-UA1-0013 GC/MS *	ppm	NA	0.1	<0.1
Fenthion sulfon	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fenvalerate	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Flucythrinate	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Fluvalinate	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
HCH, alpha	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
HCH, beta	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
HCH, delta	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
HCH, gamma (Lindane)	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Heptachlor	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Heptachlor epoxide	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Hexachlorobenzene	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Isofenphos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Mecarbam	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Methamidophos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Methoprene	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Methoxychlor	SGS-UA1-0013 GC/MS *	ppm	NA	0.005	<0.005
Mirex	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Nitrapyrin	SGS-UA1-0013 GC/MS *	ppm	NA	0.1	<0.1
Nitrofen	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Orthophenylphenol (2-Phenylphenol)	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Parathion methyl	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
PCB 101	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
PCB 118	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
PCB 138	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
PCB 153	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
PCB 180	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
PCB 28	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
PCB 52	SGS-UA1-0013 GC/MS *	ppm	NA	0.001	<0.001
Phenthoate	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Procymidone	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Profluralin	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Pyrethrins (cinerin I, jasmolin I, pyrethrin I)	SGS-UA1-0013 GC/MS *	ppm	NA	0.1	<0.1
Quintozone	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Sulfotep	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Tecnazene	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Tefluthrine	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Tetrachlorvinphos	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Tetradifon	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Thiomethon	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Toxaphene Parlar 26	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Toxaphene Parlar 50	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Toxaphene Parlar 62	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Trifluralin	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
Vinclozolin	SGS-UA1-0013 GC/MS *	ppm	NA	0.01	<0.01
2,4,5-T	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
2,4,5-TP (Fenoprop)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
2,4-D	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
2,4-DB	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.05	<0.05
2,4-DP	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
2-Naphthoxyacetic acid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
2,3,5-Trimethacarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
3-Hydroxycarbofuran	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
4-CPA (Chlorophenoxyacetic acid)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Abamectin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Acephate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Acetamiprid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Acetochlor	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Aclonifen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Acrinathrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Alachlor	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Alanycarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Aldicarb sulfone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Aldicarb sulfoxide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Allethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Ametryn	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Amidosulfuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Aminocarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Aminopyralid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Amitraz	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Atrazin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Azinphos ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Azinphos methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	0.010
Azoxystrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Benalaxyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bendiocarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Benfuracarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bentazone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Benzoximate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bifenazate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bifenox	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bifenthrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bioresmethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Boscalid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bromophos ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bromoxynil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bromucanazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Bupirimate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Buprofezin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Butafenacil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carbaryl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carbendazim + Benomyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carbetamide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carbofuran	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carbosulfan	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Carboxin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Carfentrazone ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorantraniliprole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorfenvinphos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorfluazuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chloridazon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorothalonil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chloroxuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorpropham	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Chlorpyrifos ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.005	0.005





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Chlorpyrifos methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.005	<0.005
Cinosulfuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Clethodim	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Clofentezine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Clomazone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Clopyralid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.5	<0.5
Clothianidin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Coumaphos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cyanazine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cyazofamid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cycloxidim	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cycluron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cyhalothrin, lambda	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cymoxanil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cypermethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cyproconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Cyprodinil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
DA-6 (Diethyl aminoethyl hexanoate)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Deltamethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Demeton-S-methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Demeton-S-methyl sulfon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Demeton-S-methyl sulfoxide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Desmedipham	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diazinon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dicamba	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dichlorvos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diclobutrazol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diclofop methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dicrotophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diethofencarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Difenoconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Difenzoquat methyl sulfate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diflubenzuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diflufenican	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dimethenamid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dimethoate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dimethomorph	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dimoxystrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Diniconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Dinotefuran	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Dioxacarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	
Diphenylamine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.05	<0.05
Diuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Doramectin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
EPN	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Epoxiconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Etaconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethiofencarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethiprole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethirimol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethofumesate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ethoxyquin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Etofenprox	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Etoxazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Famoxadone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenamidone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenamiphos (Phenamiphos)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenarimol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Fenazaquin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenbuconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenobucarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenoxaprop-P	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenoxaprop-P-ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.1	<0.1
Fenoxycarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenpropathrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenpropidin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenpropimorph	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenpyroximate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenthion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fenuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fipronil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.002	<0.002
Fipronil sulfone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.002	<0.002
Flonicamid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluazifop butyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluazifop-P	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fludioxonil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flufenacet	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flufenoxuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flumetsulam	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Fluoxastrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluquinconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluroxypyr	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluroxypyr meptyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flurtamone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flusilazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flutolanil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Flutriafol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fluvalinate, tau	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fomesafen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fonofos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Forchlorfenuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Formetanate HCl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Fuberidazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Furalaxyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Furathiocarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Halosulfuron methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Haloxypop	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Haloxypop methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Haloxypop-P-methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Heptenophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Hexaconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Hexaflumuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Hexythiazox	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Hydramethylnon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Imazalil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Imazaquin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Imazethapyr	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Imidacloprid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Indaziflam	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Indoxacarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ioxynil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ipconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Iprobenfos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Iprodione	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Iprovalicarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Isoprocab	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Isoprothiolane	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Ivermectin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Kresoxim methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Lenacil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Linuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Lufenuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Malaoxon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Malathion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mandipropamid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
MCPA	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
MCPB	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Mecoprop	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mefenacet	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mepanipyrim	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mepronil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mesotrione	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metalaxyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metamitron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metazachlor	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methabenzthiazuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methidathion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methiocarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methomyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methoprotrotyne	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Methoxyfenozide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metobromuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metolachlor	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metosulam	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metribuzin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Metsulfuron methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mevinphos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Mexacarbate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Monocrotophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Monolinuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Myclobutanil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Naled	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Neburon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Nicosulfuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Nitenpyram	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Novaluron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Nuarimol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Omethoate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Oxadiazon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Oxadixyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Oxydemeton methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Oxyfluorfen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Paclobutrazol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Paraoxon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Paraoxon methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Parathion ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Penconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pencycuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pendimethalin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Permethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Phorate sulfoxide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Phosalone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Phosmet	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Phosphamidon (E+Z)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Phoxim	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Picloram	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Picoxystrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Piperonyl butoxide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pirimicarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pirimiphos ethyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pirimiphos methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Prochloraz, prochloraz-manganese chloride complex	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Profenophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Promecarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Prometon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Prometryne	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propamocarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propargite	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propiconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propisochlor	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propoxur	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Propyzamide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Prosulfuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Prothioconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Prothiofos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pymetrozine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyracarbolid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Pyraclostrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyrazophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyridaben	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyridafenthion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyrimethanil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Pyriproxyfen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Quinalphos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Quinmerac	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Quinoxifen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Quizalofop-P (free acid)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Rimsulfuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Rotenone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Saflufenacil	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Secbumeton	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Sethoxydim	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Siduron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Simazine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Simetryn	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spinetoram	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spinosad (Spinosyn A & Spinosyn D)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spirodiclofen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spiromesifen	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spirotetramat	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Spiroxamine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Sulcotrione	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Sulfentrazone	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tebuconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tebufozide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tebufenpyrad	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tebuthiuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Teflubenzuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Temephos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Terbufos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Terbumeton	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Terbuthylazine	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Terbutryn	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tetraconazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tetramethrin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiabendazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Thiacloprid	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiamethoxam	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thidiazuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thifensulfuron methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiobencarb	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiofanox	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiophanate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Thiophanate methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tolclofos methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triadimefon	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triadimenol	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triallate	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Triazophos	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tribenuron methyl	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Trichlorfon (Chlorophos)	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triclopyr	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Tricyclazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Trifloxystrobin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triflumizole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triflumuron	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Triforin	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.02	<0.02
Triticonazole	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Vamidothion	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
Zoxamide	SGS-UA1-0013 LC/MS/MS **	ppm	NA	0.01	<0.01
PCDDs/PCDFs	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg- TEQ/g fat	N/A	N/A	<0.75
Dioxin-like PCBs	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg- TEQ/g fat	N/A	N/A	<0.5
PCDDs/PCDFs/dioxin-like PCBs	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg- TEQ/g fat	N/A	N/A	<1.25
Non-dioxin-like PCBs	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	N/A	<40
2,3,7,8-TCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg- TEQ/g fat	1	0.05	<0.05





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1,2,3,7,8-PeCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	1	0.08	<0.08
1,2,3,4,7,8-HxCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
1,2,3,6,7,8-HxCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
1,2,3,7,8,9-HxCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
1,2,3,4,6,7,8-HpCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.01	0.1	<0.001
OCDD	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.0003	0.2	<0.00006
2,3,7,8-TCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.05	<0.005
1,2,3,7,8-PeCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.03	0.1	<0.003
2,3,4,7,8-PeCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.3	0.05	<0.015
1,2,3,4,7,8-HxCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
1,2,3,6,7,8-HxCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
1,2,3,7,8,9-HxCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01
2,3,4,6,7,8-HxCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.1	<0.01





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
1,2,3,4,6,7,8-HpCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.01	0.1	<0.001
1,2,3,4,7,8,9-HpCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.01	0.1	<0.001
OCDF	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.0003	0.2	<0.00006
dioxin-like PCB 77	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.0001	2	0.0003
dioxin-like PCB 81	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.0003	0.5	<0.00015
dioxin-like PCB 126	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.1	0.5	<0.05
dioxin-like PCB 169	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.03	2	<0.06
dioxin-like PCB 105	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	10	0.0004
dioxin-like PCB 114	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015
dioxin-like PCB 118	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	25	0.00096
dioxin-like PCB 123	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015
dioxin-like PCB 156	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015
dioxin-like PCB 157	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
dioxin-like PCB 167	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015
dioxin-like PCB 189	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	0.00003	5	<0.00015
non-dioxin-like PCB 28	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
non-dioxin-like PCB 52	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
non-dioxin-like PCB 101	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
non-dioxin-like PCB 138	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
non-dioxin-like PCB 153	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
non-dioxin-like PCB 180	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	ng/g fat	N/A	1	<1
TEQ (WHO) for PCDD/Fs including LOQs for non-quantified congener	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	N/A	N/A	0.22612
TEQ (WHO) for dioxin-like PCBs including LOQs for non-quantified congener	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	N/A	N/A	0.11272
TEQ (WHO) for PCDD/F + dioxin-like PCBs including LOQs for non-quantified congener	SGS-UA-0040 according to Commission Regulation (EU) No 1881/2006	pg-TEQ/g fat	N/A	N/A	0.33884
Caproic acid (C6:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Caprylic acid (C8:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Capric acid (C10:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Lauric acid (C12:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Myristic acid (C14:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Palmitic acid (C16:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	6.79
Palmitoleic acid (C16:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Heptadecanoic acid (C17:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
cis-10-Heptadecenoic acid (C17:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Stearic acid (C18:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	3.29
Elaidic acid (C18:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Oleic acid (C18:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	28.65
Linolelaidic acid (C18:2)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Linoleic acid (C18:2)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	59.56
Linolenic acid (C18:3)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	0.10
Arachidic acid (C20:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	0.29
cis-11-Eicosenoic acid (C20:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	0.18
Eicosadienoic acid (C20:2)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Behenic acid (C22:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	0.78
Erucic acid (C22:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
cis-13,16 -Docosadienoic acid (C22:2)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Lignoceric acid (C24:0)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	0.26
Nervonic acid (C24:1)	ISO 12966-2:2011, ISO 12966-4:2015	%	NA	0.05	<0.05
Benzo[a]anthracene	SGS-UA1-0026 (based on DFG S19/L00.00-34; ISO 15302:2007)	µg/kg	NA	0.5	2.1
Chrysene	SGS-UA1-0026 (based on DFG S19/L00.00-34; ISO 15302:2007)	µg/kg	NA	0.5	3.1





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Parameter	Method	Unit	WHO-TEF	LOQ	Result
Benzo[b]fluoranthene	SGS-UA1-0026 (based on DFG S19/L00.00-34; ISO 15302:2007)	µg/kg	NA	0.5	2.6
Benzo[a]pyrene	SGS-UA1-0026 (based on DFG S19/L00.00-34; ISO 15302:2007)	µg/kg	NA	0.5	1.7
PAH Summation	SGS-UA1-0026 (based on DFG S19/L00.00-34; ISO 15302:2007)	µg/kg	NA	0.5	9.5
Cholesterol	ISO 12228-1:2014	%	N/A	0.1	0.3
Brassicasterol	ISO 12228-1:2014	%	N/A	0.1	<0.1
Campesterol	ISO 12228-1:2014	%	N/A	0.1	6.0
Stigmasterol	ISO 12228-1:2014	%	N/A	0.1	9.1
Beta-sitosterol	ISO 12228-1:2014	%	N/A	0.1	57.5
Delta-5-avenasterol	ISO 12228-1:2014	%	N/A	0.1	2.9
Delta-7-stigmasterol	ISO 12228-1:2014	%	N/A	0.1	14.8
Delta-7-avenasterol	ISO 12228-1:2014	%	N/A	0.1	4.2
Others	ISO 12228-1:2014	%	N/A	0.1	5.2
Total sterols	ISO 12228-1:2014	mg/kg	N/A	0.1	3937

Remark: LOQ – Limit of quantification.

*SGS-UA1-0013 GC/MS - SGS-UA1-0013 GC/MS (based on EN 15662; ISO 14181:2000; ISO 14182:1999; DSTU EN 12393 – 1:2003; DSTU EN 12393–2:2003; DSTU EN 12393 – 3:2003; DFG Method S 19/L 00.00-34/E7). ** SGS-UA1-0013 LC/MS/MS - SGS-UA1-0013 LC/MS/MS (based on EN 15662:2008; ISO 14181:2000; ISO 14182:1999; DSTU EN 12393 – 1:2003; DSTU EN 12393–2:2003; DSTU EN 12393 – 3:2003; DFG Method S 19/L 00.00-34/E7; QuPPE v.7.1).

The oil is homogeneous, of good, sound and merchantable quality.

DATED: 09 OF JULY, 2021

**For and on behalf of CISS GROUP Ukraine LLC
Registered Superintendent and Surveyor Member of FOSFA**

