

Unit Mass (g) 4.0

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Analyzed Feb 25, 2025 Instrument LC/MSMS Method SOP-004									
Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Tue, 27 Feb 2025 11:55:32 -0800

Analyzed Feb 27, 2025 Instrument LC/MSMS GC/MSMS Method SOP-003										
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01	
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02	
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01	
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02	
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01	
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01	
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01	
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01	
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04	
Chlorfenapyr	0.01	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02	
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1	
Acephate	0.03	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1	
Azoxystrobin	0.02	0.02	ND	0.1	Bifenazote	0.01	0.05	ND	0.1	
Bifenthrin	0.01	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1	
Carbaryl	0.02	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10	
Clorfentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1	
Dimethomorph	0.01	0.06	ND	2	Etoazole	0.01	0.05	ND	0.1	
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1	
Fludioxonil	0.02	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1	
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1	
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2	
Methomyl	0.01	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1	
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5	
Permethrin	0.02	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1	
Piperonyl Butoxide	0.01	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1	
Prallethrin	0.01	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5	
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1	
Spinosad D	0.02	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1	
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1	
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1	
Acequinocyl	0.01	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7	
Cypermethrin	0.01	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2	
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J.L	0.02	0.07	ND	0.1	
Pentachloronitrobenzene	0.02	0.1	ND	0.1						
	0.01									

RES - Residual Solvents Analysis

Analyzed Feb 22, 2025 Instrument GC/FID with Headspace Analyzer Method SOP-006										
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND		
Methanol (Metha)	0.4	40.0	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND		
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	ND		
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	ND		
Isopropanol (Z-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND		
Methylene Chloride (MetCh)	0.4	0.8	ND		Hexane (Hex)	0.4	40.0	ND		
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND		
Benzene (Ben)	0.4	0.8	ND		1-2-Dichloroethane (12-Dich)	0.4	0.8	ND		
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND		
Toluene (Toluene)	0.4	40.0	ND		Xylenes (Xyl)	0.4	40.0	ND		

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Feb 21, 2025 Instrument Microscope Method SOP-010							
Analyte / Limit	Result		Analyte / Limit		Result		
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND		>1/4ofthetotalsample area covered by mold	ND			
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND		> 1/4 of the total sample area covered byanimbbededforeign material	ND			

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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