



SUMMARY OF ANALYSIS (SAMPLE ID: SA2020-23903)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z7ZZ	<b>Customer ID:</b> 1448 Noble Nectar 8750 84th St Noble, OK 73068 License: PAAA-VJZG-KNP6	<b>Order ID:</b> OR2020-7516 <b>Lot Number:</b> GMO01 <b>Batch Number:</b> 0293	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 03/10/2020 <b>Date Received:</b> 03/10/2020 <b>Date Completed:</b> 03/13/2020
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**Cultivar (Strain) or Sample Description:** GMO

PESTICIDES PROFILE

<b>Analysis Date/Time:</b> 03/11/2020 1200 <b>Analyst:</b> DJ	<b>Method:</b> LC/MS/MS <b>Instrument:</b> Waters Acquity/TQD	<b>Deviations from SOP:</b> None
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Pesticide	Result (ug/g)	Action Level (ug/g)	Color Key
Abamectin (71751-41-2)	-	0.5	RESULT < 1/2 AL
Azoxystrobin (131860-33-8)	-	0.5	1/2 AL < RESULT < AL
Bifenazate* (149877-41-8)	-	0.5	RESULT > AL
Etoxazole (153233-91-1)	-	0.5	Reporting Limit (ug/g)
Imazali (355544-4-0)	-	0.5	1/2 of AL
Imidacloprid (138261-41-3)	-	0.5	"-" not detected above reporting limit
Malathion (121-75-5)	-	0.5	"*" analyzed by GC/MS (all others analyzed by LC/MS/MS)
Myclobutanil (89671-89-0)	-	0.5	Permethrins measured as the cumulative residue of the cis- and trans-permethrin isomers.
Permethrin* (52645-53-1)	-	0.5	
Spinosad A (168316-95-4)	-	0.5	
Spinosad D (168316-95-4)	-	0.5	
Spiromesifen (203594-90-1)	-	0.5	
Spirotetramat (203333-25-1)	-	0.5	
Tebuconazole (80443-1-0)	-	0.5	

Abbreviations: LC - Liquid Chromatography, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level, CAS - Chemical Abstract Services

Pesticide	Synonyms(s)	Pesticide	Synonyms(s)	Pesticide	Synonyms(s)
Cyfluthrin	Baythroid	Methidathion	Systhane	Propiconazole	Tilt
DIMP	Dichlorvos	Naled	Dibrom	Propoxur	Barygon
Ethofenprox	Prophos	Phosmet	Imidan		

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**Cultivar (Strain) or Sample Description:** GMO

MYCOTOXIN PROFILE

<b>Analysis Date/Time:</b> 03/11/2020 1200 <b>Analyst:</b> DJ	<b>Method:</b> LC/MS/MS <b>Instrument:</b> Waters Acquity/TQD	<b>Deviations from SOP:</b> None
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Mycotoxin	Result (ug/kg)	Action Level (ug/kg)
Aflatoxin B1	-	20
Aflatoxin B2	-	20
Aflatoxin G1	-	20
Aflatoxin G2	-	20
Ochratoxin A	-	20

Abbreviations: EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit, AL - Action Level

Color Key
RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL
Reporting Limit (CFU/g)
1

"-" not detected above reporting limit

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**Cultivar (Strain) or Sample Description:** GMO

HEAVY METAL PROFILE

<b>Analysis Date/Time:</b> 03/11/2020 1200 <b>Analyst:</b> CC	<b>Method:</b> ICP/MS <b>Instrument:</b> PerkinElmer Elan 9000	<b>Deviations from SOP:</b> None
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Heavy Metal	Result (ug/kg)	Action Level (ug/kg)
Arsenic (As)	-	400
Cadmium (Cd)	-	440
Lead (Pb)	-	1000
Mercury (Hg)	-	200

Abbreviations: ICP - Inductively-Coupled Plasma, OES - Optical Emission Spectroscopy, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level

Color Key
RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL
Reporting Limit (ug/kg)
50

"-" not detected above reporting limit

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**Cultivar (Strain) or Sample Description:** GMO

MICROBIOLOGICAL PROFILE

<b>Analysis Date/Time:</b> 03/11/2020 1200 <b>Analyst:</b> KB	<b>Method:</b> Hardy Diagnostics CompactDry <b>Instrument:</b> Thermo Incubator	<b>Deviations from SOP:</b> None
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Bacteria/Microbe	Result (CFU/g)	Action Level (CFU/g)
Aerobic Plate Count, Total	Absent	-
Escherichia Coli (E. Coli)	Absent	1
Mold	Absent	10000
Yeast	Absent	10000
Salmonella spp.	Absent	1

Abbreviations: EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit, AL - Action Level, NT - Not Tested

Color Key
RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL
Reporting Limit (CFU/g)
1

"-" not detected above reporting limit

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