Certificate of Analysis

51 W. Weldon Ave
Phoenix, AZ
(480) 788-6644
www.desertvalleytesting.com

Batch

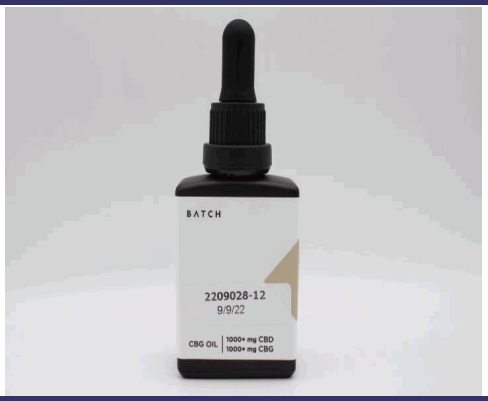
2815 S 5th Ct
Milwaukee, WI 53207
(262) 364-6940

Laboratory Number: 2209028-12

Batch #: 77AE70
Sample Received:9/9/2022; Report Created: 9/16/2022

CBG 1000mg
Ingestible

Sample Image



Cannabinoid (HPLC) Analyzed: 09/16/22 By: KSG

Compound	LOQ %	mg/mL	mg/unit	%
THC-A	0.02017	ND	ND	ND
delta 9-THC	0.02017	2.1702	64.24	0.21702
delta 8-THC	0.02017	ND	ND	ND
THC-V	0.02017	ND	ND	ND
CBG-A	0.02017	ND	ND	ND
CBD-A	0.02017	ND	ND	ND
CBD	0.20173	36.615	1083.8	3.6615
CBD-V	0.02017	0.2240	6.630	0.02240
CBN	0.02017	0.4090	12.11	0.04090
CBG	0.20173	36.654	1085	3.6654
CBC	0.02017	0.9876	29.23	0.09876

2.1702 mg/mL 64.24 mg/unit 0.21702 % **Total THC**	36.6149 mg/mL 1083.80 mg/unit 3.66149 % **Total CBD**	77.0608 mg/mL 2281.00 mg/unit 7.70608% **Total Cannabinoids**

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

16.87 : 1 **CBD to THC Ratio**	Not Tested **Water Activity**	Not Tested **Moisture**

Terpenes (GCMS-MS) Analyzed: By:

Compound	mg/mL	%
alpha-Bisabolol	NT	NT
(-)-Borneol and (+)-Borneol	NT	NT
Camphene	NT	NT
Camphor	NT	NT
beta-Caryophyllene	NT	NT
trans-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
alpha-Cedrene	NT	NT
Cedrol	NT	NT
Endo-fenchyl Alcohol	NT	NT
Eucalyptol	NT	NT
Fenchone	NT	NT
Geraniol	NT	NT
Geranyl acetate	NT	NT
Guaiol	NT	NT
Hexahydrothymol	NT	NT
alpha-Humulene	NT	NT
Isoborneol	NT	NT
Isopulegol	NT	NT
Limonene	NT	NT
Linalool	NT	NT
p-Mentha-1,5-diene	NT	NT
beta-Myrcene	NT	NT
trans-Nerolidol	NT	NT
Ocimene	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
Pulegone	NT	NT
Sabinene	NT	NT
Sabinene Hydrate	NT	NT
gamma-Terpinene	NT	NT
alpha-Terpinene	NT	NT
3-Carene	NT	NT
Terpineol	NT	NT
Terpinolene	NT	NT
Valencene	NT	NT
Nerol	NT	NT
cis-Nerolidol	NT	NT
Total Terpenes	NT	NT

Safety

Not Tested **Pesticides**	Not Tested **Microbials**	Not Tested **Residual Solvents**	Not Tested **Metals**	Not Tested **pH**

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Erin Polly
Technical Laboratory Director

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Full Spectrum Distillate
N/A
Matrix : Derivative

Certificate of Analysis

TESTED

BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722
Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 **Expires:** 09/19/23
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZANON	0.01	ppm	0.2	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
DIMETHOMORPH	0.01	ppm	3	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND
FENHEXAMID	0.01	ppm	3	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENPYROXIMATE	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
FLUDIOXONIL	0.01	ppm	3	PASS	ND
HEXYTHIAZOX	0.01	ppm	2	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.01	ppm	3	PASS	ND
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
NALED	0.01	ppm	0.5	PASS	ND
OXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PERMETHRINS	0.01	ppm	1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
PRALLETHRIN	0.01	ppm	0.4	PASS	ND
PROPICONAZOLE	0.01	ppm	1	PASS	ND
PROPOXUR	0.01	ppm	0.1	PASS	ND
PYRETHRINS	0.01	ppm	1	PASS	ND
PYRIDABEN	0.01	ppm	3	PASS	ND
SPINETORAM	0.01	ppm	3	PASS	ND
SPIROMESIFEN	0.01	ppm	3	PASS	ND
SPIROTETRAMAT	0.01	ppm	3	PASS	ND
SPIROXAMINE	0.01	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.01	ppm	1	PASS	ND
THIACLOPRID	0.01	ppm	0.1	PASS	ND
THIAMETHOXAM	0.01	ppm	1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND

Analyzed by: 2803 **Weight:** 0.5085g **Extraction date:** 09/13/22 18:44:18 **Extracted by:** 2803

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002892PES
Instrument Used : E-SHI-125 Pesticides
Running on : N/A
Reviewed On : 09/16/22 16:29:52
Batch Date : 09/13/22 18:16:18
Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

09/19/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Full Spectrum Distillate
N/A
Matrix : Derivative

Certificate of Analysis

TESTED

BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722
Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 **Expires:** 09/19/23
Sample Method : SOP Client Method

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: N/A
Weight: N/A
Extraction date: N/A
Extracted by: N/A

Analysis Method : SOP.T.40.032
Analytical Batch : KN002878SOL
Instrument Used : E-SHI-106 Residual Solvents
Running on : N/A

Reviewed On : 09/19/22 11:14:48
Batch Date : 09/09/22 10:06:59

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

09/19/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Full Spectrum Distillate
N/A
Matrix : Derivative

Certificate of Analysis

TESTED

BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722
Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 **Expires:** 09/19/23
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 2657 | **Weight:** 1.0021g | **Extraction date:** 09/08/22 14:13:01 | **Extracted by:** 2657

Analysis Method : SOP.T.40.043
Analytical Batch : KN002867MIC
Instrument Used : Micro E-HEW-069
Running on : N/A
Reviewed On : 09/09/22 17:17:07
Batch Date : 09/07/22 10:17:35

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analyzed by: 2803 | **Weight:** 0.5085g | **Extraction date:** 09/13/22 18:44:18 | **Extracted by:** 2803

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002909MYC
Instrument Used : E-SHI-125 Mycotoxins
Running on : N/A
Reviewed On : 09/16/22 16:46:18
Batch Date : 09/16/22 16:31:20

Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: 138, 12 | **Weight:** 0.2548g | **Extraction date:** 09/09/22 14:46:47 | **Extracted by:** 138

Analysis Method : SOP.T.40.050, SOP.T.30.052
Analytical Batch : KN002871HEA
Instrument Used : Metals ICP/MS
Running on : N/A
Reviewed On : 09/09/22 16:44:29
Batch Date : 09/07/22 14:00:07

Dilution : 50
Reagent : N/A
Consumables : N/A
Pipette : N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

09/19/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Full Spectrum Distillate
N/A
Matrix : Derivative

Certificate of Analysis

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BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722
Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 **Expires:** 09/19/23
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by:	Weight:	Extraction date:	Extracted by:
2657	0.7115g	09/08/22 14:16:35	2657

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN002868FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A
Reviewed On : 09/08/22 14:23:25
Batch Date : 09/07/22 10:21:33

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

09/19/22
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Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
Full Spectrum Distillate
N/A
Matrix : Derivative

Certificate of Analysis

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BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722
Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 **Expires:** 09/19/23
Sample Method : SOP Client Method

Environmental — PASSED

Analyte	Result	Pass/Fail	Action Level
ASPERGILLUS FLAVUS (ENV)	Not Present	TESTED	
BILE TOLERANT GRAM NEGATIVE HIGH	Not Present	TESTED	
TOTAL AEROBIC BACTERIA HIGH	Not Present	TESTED	
TOTAL ENTEROBACTERIACEAE HIGH	Not Present	TESTED	
AEROMONAS HYDROPHILIA & SALMONICIDA	Not Present	TESTED	
BACILLUS GROUP 1	Not Present	TESTED	
BACILLUS GROUP 2	Not Present	TESTED	
CAMPYLOBACTER SPP.	Not Present	TESTED	
ESCHERICHIA COLI/SHIGELLA SPP. (ENV)	Not Present	TESTED	
LISTERIA SPP.	Not Present	TESTED	
PSEUDOMONAS AERUGINOSA (ENV)	Not Present	TESTED	
PSEUDOMONAS SPP.	Not Present	TESTED	
SALMONELLA ENTERICA/ENTEROBACTER SPP.	Not Present	TESTED	
STAPHYLOCOCCUS AUREUS (ENV)	Not Present	TESTED	
TOTAL YEAST & MOLD HIGH	Not Present	TESTED	
ALTERNARIA SPP.	Not Present	TESTED	
ASPERGILLUS FUMIGATUS (ENV)	Not Present	TESTED	
ASPERGILLUS NIGER (ENV)	Not Present	TESTED	
ASPERGILLUS TERREUS (ENV)	Not Present	TESTED	
BOTRYTIS SPP.	Not Present	TESTED	
CAN. ALB/TROP/DUB	Not Present	TESTED	
CAN. GLAB/SACH & KLUV SPP.	Not Present	TESTED	
CANDIDA ALBICANS	Not Present	TESTED	
CLADOSPORIUM SPP.	Not Present	TESTED	
FUSARIUM OXYSPORUM	Not Present	TESTED	
FUSARIUM SOLANI	Not Present	TESTED	
GOLOVINOMYCES 1J2	Not Present	TESTED	
MUCOR SPP.	Not Present	TESTED	
PEN & ASP SPP.	Not Present	TESTED	
PENICILLIUM SPP.	Not Present	TESTED	
SACCHAROMYCES SPP.	Not Present	TESTED	

Analyzed by:	Weight:	Extraction date:	Extracted by:
N/A	N/A	N/A	N/A

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : N/A
Instrument Used : N/A
Running on : N/A
Reviewed On : 09/19/22 11:24:52
Batch Date : N/A

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

09/19/22
Signed On

Deepthi Organics

Organic Fractionated Coconut Oil / Organic Coconut MCT Oil

Certificate of Analysis

Material Info	**Made from Virgin Organic Coconut Oil**		
Verdana Lot No	**1128071**		
Manufacturing Date	**04/2022**		
Expiry Date	**04/2025**		
Physio-Chemical Analysis			
TEST	**PROTOCOL**	**Specification**	**Result**
Odor		Odorless	Odorless
Moisture	Shimadzu MOC120H @105°C	0.1% Max	0.02%
Viscosity (mPa-s)	Inhouse Method	25.0-33.0	30.0
Peroxide Value meq/kg	AOAC	1.0 Max	0.0
Hydroxyl Value mg KOH/g	AOAC	5.0 Max	3.2
Acid value mg KOH/g	ISO 660	0.1 Max	0.02
Iodine Value gI_2/100g	Inhouse Method	0.5 Max	0.03
Saponification Value mg KOH/g	Inhouse Method	325-345	333.0
Density (20 Deg C) g/ccm	Anton Paar DMA 38	0.93-0.96	0.94
Refractive Index (20 Deg C)	ATAGO ABBE Refractometer	1.440-1.452	1.449
Fatty Acid Distribution			
C-8 Caprylic Acid	SHIMADZU 2010 plus GC with RTX Wax column & QP 2010 Plus GCMS with SGE BP-5 column	55%-65%	59.50%
C-10 Capric Acid		35-45%	40.30%
Others		2% Max	0.20%
Heavy Metals			
Mercury	AOAC	0.05 max	<0.05 (LOQ)
Cadmium	AOAC	0.05 max	<0.05 (LOQ)
Arsenic PPM	AOAC	0.10 max	<0.10 (LOQ)
Lead PPM	AOAC	0.10 max	<0.10 (LOQ)
Micro-Biological profile			
Total Plate Count (CFU/g)	AOAC	<1000	<1000 (BLQ)
Yeast & Mold Count (CFU/g)	AOAC	<100	<100 (BLQ)
Salmonella in 25g	AOAC	Absent in 25g	Absent
E. coli (MPN/g)	AOAC	Absent in 1g	Absent
Staphylococcus Aureus	AOAC	Absent in 1g	Absent
Packing, Storing			
Packing	International Standard packaging food grade Steel drums		
Storing condition	Store in a cool, dry, well-ventilated place protected from direct light.		
	Expiry date is for the product in unopened container.		

PESTICIDES: This product does not contain residue of pesticides at levels higher than the permitted limits as stated in USP Monograph General Chapter <561> Articles of Botanical Origin.
PROP 65: To the best of our knowledge, this product does not contain any contaminants or bi-products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

Expiry date is valid if the product is stored unopened in its original container between 15°C and 30°C, protected from light. If container is opened, product must be tested at least yearly to test for potency. While the above information is true to the best of knowledge of Deepthi Organics, the buyer is responsible to test and make sure the product is suitable and meets the buyer's quality requirements considering the intended use.