



Genesis Testing Labs
 1620 South Main St, Unit A
 Grove, OK 74344
 (918)791-3460
 OMMA # LAAA-EKZ6-UNEB

Certificate of Analysis

Client Name Grower's Ally **Phone** 1-800-550-6259
Address 6801 Energy Court, Suite 201 **Sample Type** Crop Defender 3 Concentrate
 Sarasota, FL 34240
Sample ID SA-121521-15512

Heavy Metals

PASS

Date Analyzed: 12/27/2021 **Date Completed:** 12/29/2021
Instrument: ICPMS **Method:** GTL-SOP-017-Heavy Metals by ICPMS

Heavy Metals	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Cadmium	ND	0.00021	0.00041	0.2	Pass
Lead	ND	0.00220	0.00440	0.5	Pass
Arsenic	ND	0.00020	0.00040	0.2	Pass
Mercury	ND	0.00005	0.00009	0.1	Pass

Pesticide Profile

PASS

Date Analyzed: 12/27/2021 **Date Completed:** 12/29/2021
Instrument: LCMSMS **Method:** GTL-SOP-016-Pesticides and Mycotoxins by LCMSMS

Pesticide	Result (ppm)	LOD (ppb)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Abamectin	ND	0.183	0.367	0.5	Pass
Azoxystrobin	ND	0.114	0.228	0.2	Pass
Bifenazate	ND	0.118	0.236	0.2	Pass
Etoxazole	ND	0.1	0.2	0.2	Pass
Imazalil	ND	0.117	0.234	0.2	Pass
Imidacloprid	ND	0.092	0.183	0.4	Pass
Malathion	ND	0.098	0.196	0.2	Pass
Myclobutanil	ND	0.150	0.299	0.2	Pass
Permethrin	ND	0.094	0.188	0.2	Pass
Spinosad	ND	0.099	0.199	0.2	Pass
Spiromesifen	ND	0.101	0.201	0.2	Pass
Spirotetramat	ND	0.083	0.165	0.2	Pass
Tebuconazole	ND	0.098	0.196	0.4	Pass



Accreditation No: 108964



Total THC Equation=[(THCA * 0.8770)+ 9THC] Abbreviation: LOD: Limit of Detection; LOQ: Limit of Quantitation; NA Not Applicable; ND: Not Detected; NT: Not Tested; SO: Test Send Out; TNC: Too numerous to count. The product represented has been tested by GTL using advanced analytical instrumentation with proven and validated scientific methodologies. GTL makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full, without the express written consent of Genesis Testing Laboratories. Some tests may be sub-contracted to partner labs as indicated in the Certificate of Analysis; subcontract labs are fully OMMA compliant and licensed by the State of Oklahoma. This Certificate of Analysis expires one year from Issue Date.



Genesis Testing Labs
 1620 South Main St, Unit A
 Grove, OK 74344
 (918)791-3460
 OMMA # LAAA-EKZ6-UNEB

Certificate of Analysis

Client Name Grower's Ally **Phone** 1-800-550-6259
Address 6801 Energy Court, Suite 201 **Sample Type** Crop Defender 3 Concentrate
 Sarasota, FL 34240
Sample ID SA-121521-15512

Residual Solvents

PASS

Date Analyzed: 12/27/2021

Date Completed: 12/29/2021

Instrument: GC/MS w/Headspace Autosampler - Performed by OKCTL **Method:** GTL-SOP-011-Residual Solvents by GC-MS FET

Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Isopropyl alcohol	ND	-	0.000081000	1000	Pass
Acetone	ND	-	0.000081000	1000	Pass
Benzene	ND	-	0.000081000	2	Pass
Butane	ND	-	0.000081000	1000	Pass
Heptane	ND	-	0.000081000	1000	Pass
n-Hexane	ND	-	0.000081000	60	Pass
n-Pentane	ND	-	0.000081000	1000	Pass
Propane	ND	-	0.000081000	1000	Pass
Toluene	ND	-	0.000081000	180	Pass
Isopropanol	ND	-	0.000081000	N/A	N/A
Tetrahydrofuran	ND	-	0.000081000	N/A	N/A
Carbon Tetrachloride	ND	-	0.000081000	N/A	N/A
Ethyl-Acetate	ND	-	0.000081000	1000	Pass
Ethyl-Methanol	ND	-	0.000081000	600	Pass
Chloroform	ND	-	0.000081000	N/A	N/A
Ethanol	ND	-	0.000081000	5000	Pass
Acetonitrile	ND	-	0.000081000	N/A	N/A
Total xylenes (m, p, o-xylenes)	ND	-	0.000081000	430	Pass

Anthony Brixey

Brandy Schafer

Reviewed By: Anthony Brixey
01/08/2022

Approved By: Brandy Schafer
01/08/2022



PJLA Testing
Accreditation No: 108964



Total THC Equation=[(THCA * 0.8770) + 9THC] Abbreviation: LOD: Limit of Detection; LOQ: Limit of Quantitation; NA Not Applicable; ND: Not Detected; NT: Not Tested; SO: Test Send Out; TNC: Too numerous to count. The product represented has been tested by GTL using advanced analytical instrumentation with proven and validated scientific methodologies. GTL makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full, without the express written consent of Genesis Testing Laboratories. Some tests may be sub-contracted to partner labs as indicated in the Certificate of Analysis; subcontract labs are fully OMMA compliant and licensed by the State of Oklahoma. This Certificate of Analysis expires one year from Issue Date.