



Certificate of Analysis

Customer Name: Lief Holdings
 Address: 9016 Fullbright Ave
 Chatsworth, CA 91311
 Sample Name: SERENITY BATH SOAK
 Product Code: N/A
 Batch/Lot#: AI180326
 MQL Accession #: 190920-0256

Tested By: Micro Quality Labs, Inc.
 Address: 3125 N. Damon Way, Burbank, CA 91505
 P: (818)845-0070 F: (818)845-0030
 PO#: N/A
 Sample Description: FG
 Rush: N/A
 Received Date: 09/20/19

Pesticide Test Results

Pesticide, Fungicide and plant growth regular analysis utilizing Gas Chromatography – Mass Spectrometry. MQLTM-0343 (USP<561>Modified) By GC-MS

	µg/g	LOD µg/g	LOQ µg/g
Acephate	< 0.1 ppm	0.1 ppm	0.1 ppm
Alachlor	< 0.05 ppm	0.05 ppm	0.05 ppm
Aldrin and dieldrin (sum of)	< 0.05 ppm	0.05 ppm	0.05 ppm
Azinphos-ethyl	< 0.1 ppm	0.1 ppm	0.1 ppm
Azinphos-methyl	< 1 ppm	1 ppm	1 ppm
Bromide, inorganic	< 125 ppm	125 ppm	125 ppm
Bromophos-ethyl	< 0.05 ppm	0.05 ppm	0.05 ppm
Bromophos-methyl	< 0.05 ppm	0.05 ppm	0.05 ppm
Bromopropylate	< 3 ppm	3 ppm	3 ppm
Chlordane (sum of)	< 0.05 ppm	0.05 ppm	0.05 ppm
Clofenvinphos	< 0.5 ppm	0.5 ppm	0.5 ppm
Chlorpyrifos-ethyl	< 0.2 ppm	0.2 ppm	0.2 ppm
Chlorpyrifos-methyl	< 0.1 ppm	0.1 ppm	0.1 ppm
Chlorthal-dimethyl	< 0.01 ppm	0.01 ppm	0.01 ppm
Cyfluthrin (sum of)	< 0.1 ppm	0.1 ppm	0.1 ppm
λ-Cyhalothrin	< 1 ppm	1 ppm	1 ppm
Cypermethrin and isomers (sum of)	< 1 ppm	1 ppm	1 ppm
DDT (sum of)	< 1 ppm	1 ppm	1 ppm
Deltamethrin	< 0.5 ppm	0.5 ppm	0.5 ppm
Diazinon	< 0.5 ppm	0.5 ppm	0.5 ppm
Dichlofluanid	< 0.1 ppm	0.1 ppm	0.1 ppm
Dichlorvos	< 1 ppm	1 ppm	1 ppm
Dicofol	< 0.5 ppm	0.5 ppm	0.5 ppm
Dimethoate and omethoate (sum of)	< 0.1 ppm	0.1 ppm	0.1 ppm
Dithiocarbamates (expressed as CS ₂)	< 2 ppm	2 ppm	2 ppm
Endosulfan (sum of)	< 3 ppm	3 ppm	3 ppm
Endrin	< 0.05 ppm	0.05 ppm	0.05 ppm
Ethion	< 2 ppm	2 ppm	2 ppm
Etriphos	< 0.05 ppm	0.05 ppm	0.05 ppm
Fenchlorophos (sum of)	< 0.1 ppm	0.1 ppm	0.1 ppm
Fenitrothion	< 0.5 ppm	0.5 ppm	0.5 ppm
Fenpropathrin	< 0.03 ppm	0.03 ppm	0.03 ppm
Fensulfathion (sum of)	< 0.05 ppm	0.05 ppm	0.05 ppm
Fenthion (sum of)	< 0.05 ppm	0.05 ppm	0.05 ppm
Fenvalerate	< 1.5 ppm	1.5 ppm	1.5 ppm
Flucythrinate	< 0.05 ppm	0.05 ppm	0.05 ppm
t-Fluvalinate	< 0.05 ppm	0.05 ppm	0.05 ppm
Fonophos	< 0.05 ppm	0.05 ppm	0.05 ppm
Heptachlor (sum of)	< 0.05 ppm	0.05 ppm	0.05 ppm
Hexachlorbenzene	< 0.1 ppm	0.1 ppm	0.1 ppm
Hexachlorocyclohexane (sum of)	< 0.3 ppm	0.3 ppm	0.3 ppm
Lindan (γ-hexachlorocyclohexane)	< 0.6 ppm	0.6 ppm	0.6 ppm
Malathion and malaaxon (sum of)	< 1 ppm	1 ppm	1 ppm
Mecarbam	< 0.05 ppm	0.05 ppm	0.05 ppm
Methacriphos	< 0.05 ppm	0.05 ppm	0.05 ppm
Methamidophos	< 0.05 ppm	0.05 ppm	0.05 ppm
Methidathion	< 0.2 ppm	0.2 ppm	0.2 ppm
Methoxychlor	< 0.05 ppm	0.05 ppm	0.05 ppm
Mirex	< 0.01 ppm	0.01 ppm	0.01 ppm

Pesticide Test Results

Pesticide, Fungicide and plant growth regular analysis utilizing Gas Chromatography – Mass Spectrometry. MQLTM-0343 (USP<561>Modified) By GC-MS

	µg/g	LOD µg/g	LOQ µg/g
Monocrotophos	< 0.1 ppm	0.1 ppm	0.1 ppm
Parathion-ethyl and paraoxon-ethyl (sum of)	< 0.5 ppm	0.5 ppm	0.5 ppm
Parathion-methyl and paraoxon-methyl (sum of)	< 0.2 ppm	0.2 ppm	0.2 ppm
Pendimethalin	< 0.1 ppm	0.1 ppm	0.1 ppm
Pentachloranisole	< 0.01 ppm	0.01 ppm	0.01 ppm
Permethrin and isomers (sum of)	< 1 ppm	1 ppm	1 ppm
Phosalone	< 0.1 ppm	0.1 ppm	0.1 ppm
Phosmet	< 0.05 ppm	0.05 ppm	0.05 ppm
Piperonyl butoxide	< 3 ppm	3 ppm	3 ppm
Pirimiphos-ethyl	< 0.05 ppm	0.05 ppm	0.05 ppm
Pirimiphos-methyl (sum of)	< 4 ppm	4 ppm	4 ppm
Procymidone	< 0.1 ppm	0.1 ppm	0.1 ppm
Profenophos	< 0.1 ppm	0.1 ppm	0.1 ppm
Prothiophos	< 0.05 ppm	0.05 ppm	0.05 ppm
Pyrethrum (sum of)	< 3 ppm	3 ppm	3 ppm
Quinalphos	< 0.05 ppm	0.05 ppm	0.05 ppm
Quintozene (sum of)	< 1 ppm	1 ppm	1 ppm
S-421	< 0.02 ppm	0.02 ppm	0.02 ppm
Tecnazene	< 0.05 ppm	0.05 ppm	0.05 ppm
Tetradifon	< 0.3 ppm	0.3 ppm	0.3 ppm
Vinclozolin	< 0.4 ppm	0.4 ppm	0.4 ppm

Heavy Metal Test Results

Heavy metal analysis utilizing Inductively Coupled Mass Spectrometry (ICP-MS) MQLTM-0278 by ICP-MS.

	µg/g	LOD µg/g	LOQ µg/g
Lead	0.072 ppm	0.2 ppb	3 ppb
Arsenic	0.022 ppm	0.5 ppb	3 ppb
Cadmium	0.006 ppm	0.1 ppb	3 ppb
Mercury	0.007 ppm	0.07 ppb	1 ppb

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Prepared By:

SEP 30 2019

Desiree Rodriguez/ Quality Assurance Assistant

09/30/19

Reviewed By:

SEP 30 2019

Raffie Avakian/Quality Assurance Reviewer

09/30/19

Scan to verify at microqualitylabs.com

The aforementioned results on this report are representative of the samples submitted and may not be indicative of the entire manufacture, batch, and/or lot. Applicable current GMP's shall always be used when sampling. GLP's shall always be practiced by Micro Quality Labs to ensure the most accurate results.

Aflatoxin Test Results

Aflatoxin analysis utilizing MQLTM-1129 by LCMS

Aflatoxin	µg/g	LOD µg/g	LOQ µg/g
Aflatoxin			

Form # 3B.8 Rev 08-19-2019 DCR2019-0078

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Residual Solvents Test Results

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS), USP<42> Modified [467] By GC-FID

Class I:	USP Limit	Results
1,1 Dichloroethene	8 ppm	
1,1,1 Trichloroethane	1500 ppm	
Carbon Tetrachloride	4 ppm	
Benzene	2 ppm	
1,2-Dichloroethane	5 ppm	
Class IIA:		
Methanol	3000 ppm	
Acetonitrile	410 ppm	
Dichloromethane	600 ppm	
1,2-dichloroethene	1870 ppm	
Cis-1,2-dichloroethene	900 ppm	
Tetrahydrofuran	720 ppm	
Cyclohexane	3880 ppm	
Methylcyclohexane	1180 ppm	
Toluene	380 ppm	
1,4-dioxane	890 ppm	
Chlorobenzene	360 ppm	
Ethylbenzene	1605.8 ppm	
m/p-Xylene	268.9 ppm	
o-Xylene	195.3 ppm	
Cumene	70 ppm	
Class IIB:		
Hexane	250 ppm	
1,2 Dimethoxyethane	100 ppm	
trichloroethylene	80 ppm	
Chloroform	60 ppm	
2-Hexanone	50 ppm	
Nitromethane	50 ppm	
Tetrahn	200 ppm	
Pyridine	100 ppm	
Class III:		
Ethanol	800 ppm	
Acetone	62 ppm	
IPA	63 ppm	
Methyl Acetate	62 ppm	
Tert Butyl Methyl ether	62 ppm	
Tributylamine	65 ppm	
Acetic Acid	506 ppm	

N/A

Foreign Material Test Results

[Test method information]

Notes

Sample Certification

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 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Prepared By: SEP 30 2019

Desiree Rodriguez/Quality Assurance Assistant 09/30/19

Reviewed By: SEP 30 2019

Raffie Avakian/Quality Assurance Reviewer 09/30/19



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COMMNET: REV-01 ADDED MICRO RESULTS AND BATCH PHOTO.

Microbiological Test Results

Acc# 846381

USP 61 & USP 62

	Specification	Results
TPC	N/A	<10cfu/gm
Yeast/ Mold	N/A	<10cfu/gm
Enrichment	N/A	No Growth
Coliforms	N/A	<10cfu/gm
E.Coli	N/A	Absent
S.Aureus	N/A	Absent
Salmonella/ Shigella	N/A	Absent