

Worldwide Manufacturing

Certificate of Analysis

Pesticides/Plant Growth Regulators

2104DBL0401.4568

Ratch

Ordered 4/29/2021

5/4/2021

G-154

Kratom				
		2.1	1	
	9	6 Total Kr	atom	
Alkaloid	LOQ	Mass	Mass	Concentration
	%	%	mg/g	
Mitragynine	0.02	2.111	21.1	
7-OH-Mitragynine	0.02	BRL	BRL	

Microbiology				
Quantitave Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	TESTED	TNC	900	10,000
Enterobacteriaceae	PASS	500	90	1,000
Aerobic Bacteria	PASS	29500	900	100,000
Coliforms	TESTED	TNC	90	1,000
Qualititave Analysis		Detected	or Not-de	etected
E. Coli	PASS	1	lot-detected	
Salmonella	PASS	1	lot-detected	

Heavy Me	tals			
Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	303	49	2000
Cadmium	PASS	<loq< td=""><td>49</td><td>820</td></loq<>	49	820
Mercury	PASS	<loq< td=""><td>49</td><td>400</td></loq<>	49	400
Lead	PASS	693	49	1200

Pesticides	Status	Sample	LOQ
		PPB	PPB
hiamethoxam	PASS	<loq< td=""><td>10</td></loq<>	10
lonicamid	PASS	<loq< td=""><td>10</td></loq<>	10
midacloprid	PASS	<loq< td=""><td>10</td></loq<>	10
Dimethomorph	PASS	<loq< td=""><td>10</td></loq<>	10
enhexamid	PASS	<loq< td=""><td>10</td></loq<>	10
ludioxonil	PASS	<loq< td=""><td>10</td></loq<>	10
Bifenazate	PASS	<loq< td=""><td>10</td></loq<>	10
pirotetramat	PASS	<loq< td=""><td>10</td></loq<>	10
rifloxystrobin	PASS	<loq< td=""><td>10</td></loq<>	10
Pyrethrin	PASS	<loq< td=""><td>10</td></loq<>	10
Acequinocyl	PASS	<loq< td=""><td>10</td></loq<>	10
Myclobutanil	PASS	<loq< td=""><td>10</td></loq<>	10
toxazole	PASS	<loq< td=""><td>10</td></loq<>	10
pinosad	PASS	<loq< td=""><td>10</td></loq<>	10
pinetoram	PASS	<loq< td=""><td>10</td></loq<>	10
Piperonyl Butoxide	PASS	<loq< td=""><td>10</td></loq<>	10
Abamectin	PASS	<loq< td=""><td>10</td></loq<>	10
Bifenthrin	PASS	<loq< td=""><td>10</td></loq<>	10
Cyfluthrin	PASS	<loq< td=""><td>10</td></loq<>	10
Cypermethrin	PASS	72	10
Captan	PASS	<loq< td=""><td>10</td></loq<>	10
entachloro nitrobenzene	PASS	<loq< td=""><td>10</td></loq<>	10
enoxycarb	PASS	<loq< td=""><td>10</td></loq<>	10
piromesifen	PASS	<loq< td=""><td>10</td></loq<>	10
Plant Growth Regulators			
Daminozide	PASS	<loq< td=""><td>10</td></loq<>	10
aclobutrazol	PASS	<loq< td=""><td>10</td></loq<>	10

Note: Kratom testing is outside the scope of our ISO17025:2005 accreditation.

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Glen Marquez



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Director

Quality Control

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. NA = Not Analyzed.

ND = Not Detected. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.