



FLORA RESEARCH LABORATORIES, LLC  
ANALYTICAL REPORT

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DATE: July 8, 2022  
REPORT: Quantitative Analysis of Total Kavalactones and Total Flavokavins in Kava Root or Extract by High Performance Liquid Chromatography-UV  
CLIENT: Root of Happiness  
FRL SAMPLE ID: 220623004 JOB: J22-0623-A  
CLIENT SAMPLE ID: PG70-R100421 Polynesian Gold 70%  
ANALYSIS DATA: Average of Duplicate Assays

Kavalactones	*Result (% w/w)
Methysticin	7.94
Dihydromethysticin	7.84
Kavain	19.9
Dihydrokavain	17.6
Yangonin	8.71
Desmethoxyyangonin	6.82
<b>Total Kavalactones</b>	<b>68.8</b>

Flavokavins	*Result (% w/w)
Flavokavain C	0.037
Flavokavain A	1.20
Flavokavain B	1.93
<b>Total Flavokavins</b>	<b>3.17</b>

\*Reported on an as-is basis

Assayed/Reported By:

Reine Bravo,  
Chemical Hygiene & Safety Officer  
Scientist I

Date: 7-8-22

QC Approval By:

James Kababick  
Laboratory Director

Date: 7/8/22

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