

# Certificate of Analysis - Kava Testing

ICAL ID#:

MI20230808-055

Sample Name: **KAVA Tarts**

Batch/Lot#

**Nano Hemp Tech Labs**  
22936 Kuykendahl Rd  
Spring, TX 77389

**Infinite Chemical Analysis Labs MI, LLC**  
4400 Ann Arbor Rd  
Jackson, MI  
LIC#: SC-000015, AU-SC-000101



**Total kavalactones (%) 0.597**  
**Total kavalactones (mg/piece) 10.49**

Caffeine\*

SOP: CAFF-001



Matrix type	Edible	NT	NT	NT	density (g/mL)	N/A
Select Kavalactones	LOQ	SOP: KAV-004			Unit weight (g):	1.756
Analyte	%	%	mg/g	mg/mL	mg/piece	
<b>Desmethoxyyangonin*</b>	0.0012	<b>0.0585</b>	0.59			1.0
<b>Dihydrokavain*</b>	0.0006	<b>0.1597</b>	1.60			2.8
<b>Dihydromethysticin*</b>	0.0007	<b>0.0741</b>	0.74			1.3
<b>Flavokawain A*</b>	0.0004	NT				
<b>Flavokawain B*</b>	0.0009	NT				
<b>Kavain*</b>	0.0009	<b>0.1743</b>	1.74			3.1
<b>Methysticin*</b>	0.0005	<b>0.0728</b>	0.73			1.3
<b>Yangonin*</b>	0.0005	<b>0.058</b>	0.58			1.0

Lab Comments:

Analysis performed by HPLC-DAD on 8/11/2023

\*NT = Not Tested

**Flavokawains not included in total kavalactone calculation\***

<b>Total Kavalactones (Excludes Flavokawains)</b>	<b>0.5974</b>	<b>5.97</b>	<b>0.0</b>	<b>10.5</b>
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\* = Not covered under ISO scope of accreditation LOQ - Limit of quantification NT = Not Tested

REPORT DATE: **8/11/2023**

*David Egerton*  
David Egerton  
Laboratory Director

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