

# Certificate of Analysis - Kava Testing

ICAL ID#:

**MI20230808-054**

**Sample Name:** Nano Kava

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 (%) 16.040**  
**Total kavalactones (mg/piece) N/A**

**Caffeine\***

SOP: CAFF-001



Matrix type	Concentrate	NT	NT	NT	density (g/mL)	N/A
Select Kavalactones	LOQ	SOP: KAV-004			Unit weight (g):	
Analyte	%	%	mg/g	mg/mL	mg/piece	
<b>Desmethoxyyangonin*</b>	0.1	<b>1.5479</b>	15.48			
<b>Dihydrokavain*</b>	0.033	<b>4.3689</b>	43.69			
<b>Dihydromethysticin*</b>	0.065	<b>2.0023</b>	20.02			
<b>Flavokawain A*</b>	0.094	NT				
<b>Flavokawain B*</b>	0.033	NT				
<b>Kavain*</b>	0.024	<b>4.5061</b>	45.06			
<b>Methysticin*</b>	0.051	<b>2.0633</b>	20.63			
<b>Yangonin*</b>	0.051	<b>1.5518</b>	15.52			

**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>16.0403</b>	<b>160.40</b>	<b>0.0</b>	<b>0.0</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**  
Laboratory Director

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