

## Test Report 23-G060-0001C

client:	see address
product type:	powder
date of receipt:	08/11/2023
test period:	08/11/2023-09/27/2023
sampling:	taken by client. Sample was delivered
Sample ID:	Mitragyna Speciosa Pulver
(specified by the customer)	Nr. R

Test Report: E coli  
test method: Outsourcing\_ (E)

**test result**

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sample identification: Mitragyna Speciosa Pulver

parameter	amount	Unit	RL	MU
DIN ISO 16649/2:2009-12, § 64 LFGB L 00.00-132/2:2021-03; mod.				
* E coli (E)	<10	CFU/g	10	

RL: reporting limit

The amount in [ ] is a semiquantitative valuation under reporting limit.

MU: measurement uncertainty

\*test method outsourcing: testing performed by a partner lab

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Test Report: Salmonella  
test method: Outsourcing\_ (E)

**test result**

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sample identification: Mitragyna Speciosa Pulver

parameter	amount	Unit	MU
§ 64 LFGB L 00.00-52:2014-02			
* Salmonella (E)	negativ	/ 10g	

RL: reporting limit

The amount in [ ] is a semiquantitative valuation under reporting limit.

MU: measurement uncertainty

\*test method outsourcing: testing performed by a partner lab

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Test Report: Mitragynin, 7-hydroxy Mitragynine  
test method: LC-MS/MS after extraction\_ (B)

## test result

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sample identification: Mitragyna Speciosa Pulver

parameter	CAS-No.	amount	Unit	RL	MU1	MU2
Mitragynin (D)	4098-40-2	5.2	%	0.001		± 50 %
7-hydroxy Mitragynine (D)	174418-82-7	0.18	%	0.001		

RL: reporting limit

The amount in [ ] is a semiquantitative valuation under reporting limit.

MU1: measurement uncertainty of the test method. It represents an extended uncertainty and was obtained by multiplying it by the expansion factor  $k=2$ ; this corresponds to a confidence interval of approx. 95 %.

MU2: expert estimate

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Test Report: arsenic, cadmium, mercury, lead  
test method: DIN EN ISO 17294-2 ICP-MS\_2017-01 (E)

## test result

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sample identification: Mitragyna Speciosa Pulver

parameter	CAS-No.	amount	Unit	RL	MU
* arsenic (E)	7440-38-2	0.14	mg/kg	0.02	
* cadmium (E)	7440-43-9	0.02	mg/kg	0.02	
* mercury (E)	7439-97-6	0.020	mg/kg	0.005	
* lead (E)	7439-92-1	0.36	mg/kg	0.05	

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