Test Report 25-G060-0001B

client:	see address
product type:	powder
date of receipt:	07/18/2025
test period:	07/18/2025-09/15/2025
sampling:	taken by client. Sample was delivered
Sample ID:	Mitragyna Speciosa Pulver
(specificied by the customer)	Nr. W

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	10000	mg/kg	10		± 50 %
7-hydroxy Mitragynine (D)	174418-82-7	17	mg/kg	10		± 50 %

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, lead, cadmium, mercury
test method: DIN EN ISO 17294-2 ICP-MS_2017-01 (E)

test result

Test Report 25-G060-0001B

sample identification: Mitragyna Speciosa Pulver

	parameter	CAS-No.	amount	Unit	RL	MU
*	arsenic (E)	7440-38-2	0.44	mg/kg	0.02	
*	lead (E)	7439-92-1	0.45	mg/kg	0.05	
*	cadmium (E)	7440-43-9	0.02	mg/kg	0.02	
*	mercury (E)	7439-97-6	0.016	mg/kg	0.005	

RL: reporting limit
The amount in [ ] is a semiquantitative valuation under reporting limit.
MU: measurement uncertainty
*test method outsorcing: testing performed by a partner lab

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