

# Test Results RED

## Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 29NOV2024 | 1457

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.61	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.003	N/A
Paynantheine	Report Results	0.296	w/w%	0.011	N/A
Speciogynine	Report Results	0.228	w/w%	0.011	N/A
Speciociliatine	Report Results	0.438	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.57	w/w%	0.011	N/A

## Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 27NOV2024 | 1541

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.145	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.014	ug/g	0.002	PASS
Mercury	NMT 0.20	0.007	ug/g	0.002	PASS
Lead	NMT 5.00	0.436	ug/g	0.002	PASS

## Microbiological Examination

Method Code: T005

Tested: 26NOV2024 | 1210

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	430	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	20 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS