



Certificate of Analysis

Client Information

Arete Manufacturing
1077 S. 1675 W.
Orem, UT 84058
USA
661-444-7179

Sample Information

ARL ID: 688937
Date Received: 7/20/2023
Date Tested: 7/26/2023
Description: MIT45 Black Label Caps (2ct)
Lot#: 230038

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>K2A Profile</u>						1
<u>Complete Micro Profile</u>	USP <2021>, USP <2022>, AOAC 991.14					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Yeast (High Count)	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	100	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.085	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.017	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.007	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.536	ppm	1
<u>Mitragynine Package</u>	ARL 2.046					1
Mitragynine	ARL 2.046	0.03	Record Only	9.93	%	1
7-Hydroxy-Mitragynine	ARL 2.046	0.04	Record Only	<0.04	%	1