



## Certificate of Analysis

### Client Information

### Sample Information

ARL ID: 278952  
Date Received: 3/26/2019  
Description: TL PRE BULK Green Apple (680 GMS)  
Lot#: 19032151

Analysis	Method	MDL	Specification	Results	UOM
Complete Micro Profile (Rapid)	USP, AOAC				
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g
Coliforms	AOAC 991.14	10	Record Only	None Detected	cfu's/g
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Yeast (Rapid)	AOAC RI	100	Record Only	None Detected	cfu's/g
Mold (Rapid)	AOAC RI	100	Record Only	None Detected	cfu's/g
Heavy Metals*	ARL ICPMS 2.60				
Arsenic (As)*	ARL ICPMS 2.60	0.001	Record Only	0.017	ppm
Cadmium (Cd)*	ARL ICPMS 2.60	0.001	Record Only	0.006	ppm
Mercury (Hg)*	ARL ICPMS 2.60	0.001	Record Only	0.006	ppm
Lead (Pb)*	ARL ICPMS 2.60	0.001	Record Only	0.089	ppm
FTIR Package	FTIR				
Appearance	ARL 2.03		Record Only	Powder	
Color	ARL 2.03		Record Only	Off White	
Odor	ARL 2.03		Record Only	Sweet, Apple	
FT-IR Analysis	FT-IR 2.04	0.1	> 95	98.1	%