



Certificate of Analysis

Client Information

Sample Information

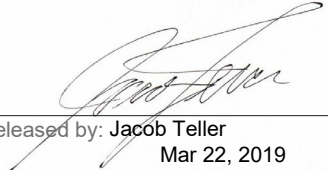
ARL ID: 277631
Date Received: 3/19/2019
Description: TL PRE BULK Grape (661 GMS)
Lot#: 19031453

Analysis	Method	MDL	Specification	Results	UOM
Complete Micro Profile, HM, FTIR	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	10			
Arsenic (As)*	ARL ICPMS 2.60	0.001	Record Only	< 0.001	ppm
Cadmium (Cd)*	ARL ICPMS 2.60	0.001	Record Only	< 0.001	ppm
Mercury (Hg)*	ARL ICPMS 2.60	0.001	Record Only	0.002	ppm
Lead (Pb)*	ARL ICPMS 2.60	0.001	Record Only	0.034	ppm
FTIR Package	FTIR				
Appearance	ARL 2.03		Record Only	Powder	
Color	ARL 2.03		Record Only	Off White	
Flavor	ARL 2.03		Record Only	Grape	
Odor	ARL 2.03		Record Only	Mildly Sweet	
FT-IR Analysis	FT-IR 2.04	0.1	> 95	97.6	%

Form# arlcoa031201a

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experience • professionalism • value

Released by:  Jacob Teller

Mar 22, 2019

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* ARL is an ISO/IEC 17025:2005 Accredited Laboratory. Certificate and Supplement available upon request.

This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.