



DATE: 02/06/2018

CERTIFICATE OF ANALYSIS

Product: **ESSENTIAL ENERGY KIWI CHERRI-LIME FL**

Lot No: 1711107
Serving Size: 18804.72 MG

PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
DESCRIPTION/APPEARANCE	WHITE – OFF-WHITE	COMPLIES	IN-HOUSE
ODOR/ FLAVOR	CHARACTERISTIC	COMPLIES	ORGANOLEPTIC

ASSAY: AS PER SERVING

<u>INGREDIENTS</u>	<u>LABEL</u>	<u>SPEC</u>	<u>RESULT</u>	<u>METHOD</u>
BCAA 2:1:1				
L-LEUCINE	2500 MG	NLT 100.0%	117.1 %	BY HPLC
L-ISOLEUCINE	1250 MG	NLT 100.0%	103.4 %	BY HPLC
L-VALINE	1250 MG	NLT 100.0%	105.0%	BY INPUT
EAA				
L-LYSINE (AS HCl)	1250 MG	NLT 100.0%	105.0%	BY INPUT
L-THREONINE	900 MG	NLT 100.0%	105.0%	BY INPUT
L-HISTIDINE (AS HCl)	100 MG	NLT 100.0%	105.0%	BY INPUT
L-TRYPTOPHAN	100 MG	NLT 100.0%	105.0%	BY INPUT
L-PHENYLALANINE	100 MG	NLT 100.0%	105.0%	BY INPUT
L-METHIONINE	50 MG	NLT 100.0%	105.0%	BY INPUT
L-CITRULLINE MALATE 1:1	1500 MG	NLT 100.0%	105.0%	BY INPUT
ENERGY BHB KETO SALTS				
SODIUM BHB	3000 MG	NLT 100.0%	105.0%	BY INPUT
CALCIUM BHB	1500 MG	NLT 100.0%	105.0%	BY INPUT

MICROBIOLOGICAL CONTAMINANTS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Total Aerobic Plate Count	<10 ⁴ cfu/g	300 cfu/g	USP <61>
Total Yeast and Mold (Y&M)	<10 ³ cfu/g	<10 cfu/g	USP <61>
Enterobacteriaceae	<10 ² cfu/g	<10 cfu/g	USP <62>
Salmonella sp.	Negative	Negative	USP <62>
E. Coli	Negative	Negative	USP <62>
Staphylococcus aureus	Negative	Negative	USP <62>

THIS ASSAY IS BASED ON THE INPUT AT THE TIME OF MANUFACTURING.


[QUALITY CONTROL]