



CERTIFICATE OF ANALYSIS

PRODUCT NAME: C2C Stress Formula		
LOT # 535750	PRODUCT CODE # 40115	DATE OF MANUFACTURE August 2020
PHYSICAL DESCRIPTION Brown powder with white specs in a white size 00 capsule shell.		


PHYSICAL TESTS:			
	RESULTS	LIMITS	METHOD
Average Capsule Weight	744 mg	751 (713-788) mg	USP <2091>
Average Fill Weight	609 mg	635 (603-667) mg	USP <2091>
Weight variation	Conforms as per USP weight variation		USP <2091>
Disintegration	<15 minutes	N.M.T. 30 minutes	USP <2040>

Chemical Tests			
Potency	ACTUAL	SPECIFICATION	METHOD
Hypericin (From St. John's Wort PE)	0.87 mg	0.84 mg (0.672-1.008)	HPLC
Lemon Balm Herb 4:1 PE	192 mg**	200 mg	Input
L-Theanine	96 mg	100 mg (80-120)	HPLC

Non-Medicinal Ingredients: Microcrystalline Cellulose, Vegetable Magnesium Stearate. Capsule shell: Hypromellose, Titanium Dioxide.

** Calculated based on input and average fill weight.

TEST	RESULTS	LIMITS	METHOD
Total Aerobic Bacteria	<10 cfu/g	Less Than 10,000 cfu/g	USP <2021>
Yeast & Mold	<10 cfu/g	Less Than 1,000 cfu/g	USP <2021>
E.coli	Negative	Absent	USP <2022>
Salmonella	Negative	Absent	USP <2022>
S.aureus	Negative	Absent	USP <2022>
Arsenic	0.11 ppm	<7.7 ppm* (<0.14 ug/kg b.w./day)	ICP/MS
Cadmium	0.04 ppm	<5.0 ppm* (<0.09 ug/kg b.w./day)	ICP/MS
Lead	0.06 ppm	<7.7 ppm* (<0.14 ug/kg b.w./day)	ICP/MS
Mercury	<0.02 ppm	<16.0 ppm* (<0.29 ug/kg b.w./day)	ICP/MS
		* Based on adult dosage of 2 capsules per day	
Pesticide Residues	<MRL	< USP MRL (Maximum Residue Limit)	USP <561>
Solvent Residues	<MRL	< USP MRL (Maximum Residue Limit)	USP <467>

Approved By:  QC Director	Date: Oct 22, 2020
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