

**CONFIDENTIAL**



**CERTIFICATE OF ANALYSIS**

<b>PRODUCT NAME</b>	CBD+ Stress Defy		
<b>PRODUCT CODE</b>	IN059533	<b>LOT</b>	H18043
<b>DATE OF MANUFACTURE</b>	8/24/2018	<b>EXPIRATION DATE</b>	8/2020
<b>APPEARANCE</b>	Green	<b>SIZE/SHAPE</b>	16 Oblong
	<b>Claim</b>	<b>Result</b>	
<b>Average Fill Weight</b>	NLT 872 mg	898 mg	
<b>Date Received</b>	9/12/2018	<b>Date Completed</b>	9/21/2018

<b>Ingredient</b>	<b>Claim/Soft-Gel</b>	<b>Method</b>	<b>Result/Soft-Gel</b>
Thiamin (as Thiamine Hydrochloride)	13 mg	AP-CHE-088	15.8 mg
Riboflavin	13 mg	AP-CHE-088	17.92 mg
Vitamin B6 (as Pyridoxine Hydrochloride)	25 mg	AP-CHE-088	35.75 mg
Magnesium (as Magnesium Citrate)	6.5 mg	AP-CHE-050	9.3 mg
Flaxseed Oil (seed)	365 mg	By Input	372.3 mg
Full-Spectrum Hemp extract blend (stalks)	88 mg	By Input	98.82 mg
CBD (naturally occurring)	7.5 mg	HPLC	9.32 mg
GABA (Gamma-Aminobutyric Acid)	50 mg	AP-CHE-097	67 mg
Ginkgo extract (24% flavone glycosides, 24 mg, 6% terpene lactones, 6 mg)(leaf)	50 mg	By Input	71 mg
L-Theanine	50 mg	AP-CHE-113	63 mg
Rhodiola ( <i>Rhodiola rosea</i> ) extract (3% rosavins, 3 mg, 1% salidroside, 1 mg)(root)	50 mg	By Input	66 mg
BioPerine Complex Comprised of: BioPerine® Black Pepper extract (95% piperine)(fruit), Ginger extract (5% gingerols)(rhizome)	1.5 mg	By Input	1.52 mg
	<b>Limit</b>	<b>Method</b>	<b>Result</b>
Maximum Tetrahydrocannabinol (THC)	<0.3%	HPLC	0.03%
Delta 9-THC	Report Result	HPLC	0.02%

**Other Ingredients:** Medium chain triglyceride oil, gelatin, purified water, glycerin, beeswax, soy lecithin, turmeric (color), sodium copper chlorophyllin (color) and titanium dioxide (color).

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The information herein is true and correct to the best of our knowledge.**

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<b>Cannabinoid Profile*</b>	<b>Method</b>	<b>Result</b>
Cannabidiol (CBD)	HPLC	9.69%
Cannabidiolic Acid (CBDA)	HPLC	0.00%
Cannabigerol (CBG)	HPLC	0.00%
Cannabinol (CBN)	HPLC	0.16%
Delta 9- Tetrahydrocannabinol (D9-THC)	HPLC	0.13%
Delta 8- Tetrahydrocannabinol (D8- THC)	HPLC	0.03%
Cannabichromene (CBC)	HPLC	0.34%
Tetrahydrocannabinolic acid (THCA)	HPLC	0.00%
Total Cannabinoids	HPLC	10.35%
Max THC (THC+ 0.877*THCA)	HPLC	0.13%
Max CBD (CBD+ 0.877*CBDA)	HPLC	9.69%

	<b>Method</b>	<b>Result</b>
Residual Solvent*	GC/ MS	Pass
Pesticides*	USP 40 <561>	Pass

<b>MICROBIOLOGICAL TESTS</b>	<b>LIMIT</b>	<b>RESULT</b>
Total Plate Count	<100000 CFU/g	Pass
Yeast and Mold	<1000 CFU/g	Pass
<b>SPECIFIED MICROORGANISMS</b>		
Escherichia coli	Negative/10g	Pass
Salmonella	Negative/10g	Pass
Staphylococcus aureus	Negative/10g	Pass

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<b>Heavy Metals</b>	<b>Method</b>	<b>Result</b>
Arsenic	ICP-MS	0.129
Cadmium	ICP-MS	Not Detected
Lead	ICP-MS	0.0516
Mercury	CVAA	Not Detected

\*Tests performed on Full Spectrum Hemp Extract blend (stalks). Date sample received 8/1/2018. Date of completion 8/7/2018.

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