

**CONFIDENTIAL**



**CERTIFICATE OF ANALYSIS**

<b>PRODUCT NAME</b>	CBD+ Testosterone UP		
<b>PRODUCT CODE</b>	IN059541	<b>LOT</b>	H18054C
<b>DATE OF MANUFACTURE</b>	8/30/2018	<b>EXPIRATION DATE</b>	8/2020
<b>APPEARANCE</b>	Orange-brown	<b>SIZE/SHAPE</b>	20 Oblong
	<b>Claim</b>	<b>Result</b>	
<b>Average Fill Weight</b>	NLT 1,085.1 mg	1,115.8 mg	
<b>Date Received</b>	9/17/2018	<b>Date Completed</b>	9/25/2018

<b>Ingredient</b>	<b>Claim/Soft-Gel</b>	<b>Method</b>	<b>Result/Soft-Gel</b>
Zinc (as Zinc Methionine) OptiZinc®	10 mg	AP-CHE-050	14 mg
Copper (as Copper Citrate)	0.67 mg	AP-CHE-050	0.982 mg
Fish Oil (18% EPA (eicosapentaenoic acid), 108 mg, 12% DHA (docosahexaenoic acid), 72 mg)	200 mg	By Input	264 mg
Pumpkin Oil (seed)	175 mg	By Input	178.5 mg
Full-Spectrum Hemp extract blend (stalks)	117.7 mg	By Input	131.77 mg
CBD (naturally occurring)	10 mg	HPLC	12.58 mg
Beta Sitosterol 40%	100 mg	AP-CHE-098	137 mg
Stinging Nettle extract (4:1)(root)	100 mg	By Input	104 mg
Tribulus extract (10:1)(fruit)	100 mg	By Input	104 mg
LJ100® Tongkat Ali ( <i>Eurycoma longifolia</i> ) extract (40% glycosaponins, 40 mg and 22% eurypeptides, 22 mg)(root)	33.3 mg	By Input	40.67 mg
BioPerine Complex Comprised of: BioPerine® Black Pepper extract (95% piperine)(fruit), Ginger extract (5% gingerols)(rhizome)	2 mg	By Input	2 mg
	<b>Limit</b>	<b>Method</b>	<b>Result</b>
Maximum Tetrahydrocannabinol (THC)	<0.3%	HPLC	0.04%
Delta 9-THC	Report Result	HPLC	0.02%

**Other Ingredients:** Medium chain triglyceride oil, gelatin, purified water, glycerin, beeswax, soy lecithin, annatto (color), titanium dioxide (color) and maltodextrin.

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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	0.0490
Cadmium	ICP-MS	Not Detected
Lead	ICP-MS	0.0348
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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