

CERTIFICATE OF ANALYSIS

Product: YesNano™ Relieve Hemp Cream
 Common/INCI Aloe Vera (Aloe barbadensis Leaf Juice), Carbohydrate gum (N/A),
 Name: Carrageenan (Kappaphycus alvarezii Leaf Powder), Citric Acid (Acidum citricum Peel Powder), Cyamopsis (Cationic Guar Gum/Guar Gum), MCT (Fractionated Coconut Oil) (Caprylic/Capric triglyceride), Pain Blend (Basil Essential Oil (Ocimum basilicum Leaf Oil), Camphor Essential Oil (Cinnamomum camphora Bark Oil), Cedarwood Essential Oil (Cedrus deodara Wood Oil), Cornmint Essential Oil (Mentha arvensis Leaf Oil), Lavandin Essential Oil (Lavandula hybrida Herb Oil), Peppermint Essential Oil (Mentha piperita Leaf Oil)), Potassium Citrate Powder (N/A), Potassium Sorbate (N/A), YesNano Hemp Extract (Cannabis sativa)
 CAS#: 8001-97-6, 39421-75-5, 11114-20-8, 77-92-9, 9000-30-0/9004-65-3, 73398-61-5, 8015-73-4, 8008-51-3, 68991-36-6, 68917-18-0, 8022-15-9, 8006-90-4, 6100-05-6, 590-00-1, N/A
 Country of Origin: United States
 Lot Number: 2YL.2C300C
 Manufacturing Date: 5/20/2021
 Expiration Date: 5/20/2023

Store in air tight container; in a cool dry area; away from direct sunlight.

Organoleptic Testing:

Properties	Specifications	Results
Appearance:	Smooth white to smooth off-white.	Conforms
Flavor:	N/A	N/A
Solubility:	Soluble.	Conforms
Specific Gravity:	0.943 - 1.043 @ 20° C (68° F)	0.990

Heavy Metal Analysis: ICP-MS

Symbol	Metal	Concentration/Units	MDL	Use Limits/Units	Status
As	Arsenic	7 µg/kg	4	200/1500 µg/kg	Pass
Cd	Cadmium	3 µg/kg	1	200/500 µg/kg	Pass
Hg	Mercury	4 µg/kg	2	100/1500 µg/kg	Pass
Pb	Lead	ND µg/kg	2	500/1000 µg/kg	Pass

Microbial Contaminants: PCR

Test	Unit	Result
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Total Aerobic Count	CFU/g	None Detected
Total Coliforms	CFU/g	None Detected
Total Yeasts and Molds	CFU/g	None Detected
E. coli	CFU/g	None Detected
Salmonella	CFU/g	None Detected

Pesticides: GC QQQ

Pesticide	Action Level (ppm)	Results (ppm)	Pesticide	Action Level (ppm)	Results (ppm)
Abamectin B1A	0.100	None Detected	Imadacloprid	5.000	None Detected
Acephate	0.100	None Detected	Kresoxim-methyl	0.100	None Detected
Acequinocyl	0.100	None Detected	Malathion	0.500	None Detected
Acetamiprid	0.100	None Detected	Metalaxyl	2.000	None Detected
Aldicarb	0.100	None Detected	Methicarb	0.100	None Detected
Azoxystrobin	0.100	None Detected	Methomyl	1.000	None Detected
Bifenazate	0.100	None Detected	Mevinphos	0.100	None Detected
Bifenthrin	3.000	None Detected	Myclobutanil	0.100	None Detected
Boscalid	0.100	None Detected	Naled	0.100	None Detected
Carbaryl	0.500	None Detected	Oxamyl	0.500	None Detected
Carbofuran	0.100	None Detected	Paclobutrazol	0.100	None Detected
Chlorantraniliprole	10.000	None Detected	Permethrins	0.500	None Detected
Chlorpyrifos	0.100	None Detected	Phosmet	0.100	None Detected
Clofentezine	0.100	None Detected	Piperonyl Butoxide	3.000	None Detected
Daminozide	0.100	None Detected	Prallethrin	0.100	None Detected
Diazanone	0.100	None Detected	Propiconazole	0.100	None Detected
Dichlorvos	0.100	None Detected	Propoxur	0.500	None Detected
Dimethoate	0.100	None Detected	Pyrethrins		
Dimethomorph	2.000	None Detected	Pyridaben	0.100	None Detected
Ethoprophos	0.100	None Detected	Spinetoram	0.100	None Detected
Etofenprox	0.100	None Detected	Spinosad	0.100	None Detected
Etoxazole	0.100	None Detected	Spiromesifen	0.100	None Detected
Fenhexamid	0.100	None Detected	Spirotetramat	0.100	None Detected
Fenoxycarb	0.100	None Detected	Spiroxamine	0.100	None Detected
Fenpyroximate	0.100	None Detected	Tebuconazole	0.100	None Detected
Fipronil	0.100	None Detected	Thiacloprid	0.100	None Detected
Flonicamid	0.100	None Detected	Thiamethoxam	0.100	None Detected
Fludioxonil	0.100	None Detected	Trifloxystrobin	5.000	None Detected
Hexythiazox	0.100	None Detected			
Imazalil	0.100	None Detected			

Residual Solvents: GC

Solvent	Reportable Range (ppm)	Result (ppm)	Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100-2000	0	Hexane	6-120	0
Butanes (Isobutane, n-Butane)	100-2000	0	Benzene	0.2-4.0	0.0
Pentane	100-2000	0	Heptanes	100-2000	0
Ethanol	100-2000	0	Toluene	18-360	0
Acetone	100-2000	0	Xylenes (m, p, o-Xylenes)	46-860	0
Isopropyl Alcohol	100-2000	0			

Mycotoxin Analysis: LC-MS

Analyte	Action Level (ppb)	Results (ppb)
Aflatoxin B1	20.000	None Detected
Aflatoxin B2	20.000	None Detected
Aflatoxin G1	20.000	None Detected
Aflatoxin G2	20.000	None Detected
Ochratoxin A	20.000	None Detected

Cannabinoid Analysis Profile: HPLC

Cannabinoid	mg/g	%	Cannabinoid	mg/g	%
THC	ND	0.00%	CBGa	ND	0.00%
THCa	ND	0.00%	THCV	ND	0.00%
CBD	10.12	1.01%	THCVa	ND	0.00%
	mg/g				
CBDa	ND	0.00%	Delta 8 – THC	ND	0.00%
CBN	ND	0.00%	CBC	ND	0.00%
CBDV	ND	0.00%	CBCa	ND	0.00%
CBDVa	ND	0.00%	CBL	ND	0.00%
CBG	ND	0.00%			

Summary

Organoleptic Analysis:	Pass
Heavy Metal Analysis:	Pass
Microbial Analysis:	None Detected
Pesticide Analysis:	None Detected
Residual Solvent Analysis:	None Detected
Mycotoxin Analysis:	None Detected
Essential Oil Analysis:	Unadulterated, no traces of synthetic additives.

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This product has been tested by:
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