



# Certificate of Analysis

Report Issued To: Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

Product Information			
Product Name:	Relievex Capsules	CoA #:	ND-24-1046
Product Size:	60 count	Lot Number:	REXCS1050224
Production Date:	05/06/2024	Capsule Batch #:	REXCSLL0324VEG
Report Date:	05/06/2024	Capsule Material:	Vegetable Cellulose
Best By Date:	05/2027	Capsule Size	00
Appearance:	Light brown powder in a clear capsule	Capsule Color:	Light brown
Other Ingredients:	Stearic Acid		

## Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 305	Conforms	Pass
Smell	Org. Tube # 305	Conforms	Pass

## Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥733mg/capsule	747mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	872mg/capsule	Pass

## Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Kava 10%	250mg/capsule	KAV0630822	248
Lemon Balm 10:1	125mg/capsule	LBM020073	010_v8
BosliqAKBA	100mg/capsule	BSL0831023	578_v2
Ginger Extracted 10%	100mg/capsule	GCO0140922	536
Palmitoylethanolamide	100mg/capsule	PEA0761022	085
Maca 5%	50mg/capsule	MAC60571122	502
Tetrahydromagnolol	5mg/capsule	TET0570922	274
Piperine	3mg/capsule	PPR0250123	148_v2

## Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identification (Piper methysticum root)	LAB TM-115	HPTLC	Matches to BRM	Conforms	Pass
Identity ( <i>Melissa officinalis</i> , leaf)	LAB TM-050	HPTLC	Matches to BRM	Matches to BRM	Pass
Identity - ( <i>Boswellia sacra</i> , resin)	LAB TM-211	HPTLC	Matches to Reference Material	Matches to Reference Material	Pass
Identity - ( <i>Zingiber officinale</i> , root)	LAB TM-145	HPTLC	Matches to BRM	Conforms	Pass
Identity Palmitoylethanolamide Micronized	LAB TM-001	FTIR	≥ 95% match	99% match	Pass
Identification - ( <i>Lepidium meyeni</i> , root)	LAB TM-107	HPTLC	Matches to reference standard	Conforms	Pass
Identity ( <i>Magnolia officinalis</i> , bark)	LAB TM-071	HPTLC	Matches to BRM	Conforms	Pass
Identity ( <i>Piper nigrum</i> , fruit)	LAB TM-110	HPTLC	Matches to BRM	Matches to BRM	Pass
Total Kavalactones (methysticin, dihydromethysticin, kawain, dihydrokawain, yangonin, desmethoxyyangonin - dry basis)	LAB TM-099	UPLC	≥ 25 mg/capsule	25 mg/capsule	Pass
Rosmarinic acid (dry basis)	LAB TM-131	UPLC	≥ 1.3 mg/capsule	2mg/capsule	Pass
Total $\beta$ -Boswellic acids (as $\beta$ -boswellic acid, 11-keto- $\beta$ -boswellic acid, and 3-O-acetyl- $\beta$ -boswellic acid)(as is)	LAB TM-210	UPLC	≥ 20mg/capsule	22mg/capsule	Pass



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Test	Method	Methodology	Specification	Result	Pass/Fail
3-O-Acetyl-11-keto- $\beta$ -boswellic acid (AKBA)	LAB TM-210	UPLC	$\geq$ 5mg/capsule	5.2 mg/capsule	Pass
Total Cembrenes as Incesole Acetate	GC-FID	GC-FID	$\geq$ 8mg/capsule	14.2mng/capsule	Pass
Total Gingerols (Gingerols + Shogaols) (Dry Basis)	LAB TM-019	UPLC	$\geq$ 10mg/capsule	13.7 mg/capsule	Pass
Assay - Palmitoylethanolamide Micronized	H qNMR	H qNMR	$\geq$ 98mg/capsule	99 mg/capsule	Pass
Assay - Total Macamides (as is basis)	TM0023	UPLC	$\geq$ 2.5 mg/capsule	2.6 mg/capsule	Pass
Assay - Tetrahydromagnolol (as-is basis)	LAB TM-066	UPLC	$\geq$ 5 mg/capsule	5.1 mg/capsule	Pass
Piperine	LAB TM-226	UPLC	$\geq$ 3 mg/capsule	3mg/capsule	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.214 ppm Cd 0.046 ppm Hg 0.011 ppm Pb 0.046 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.18	Pass

Final Approval

  
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Kennedi Enoch, Quality Liaison

