

Certificate of Analysis

Report Issued To: Natrium Health, 82055 S. Priest Dr #11750, Tempe, AZ 85284

Product Information			
Product Name:	Alcohol Defense Capsules Dihydromyricetin + Ginger Extract	CoA #:	ND-24-1395
Product Size:	120 count	Lot Number:	ADFCS1091624A
Production Date:	09/16/2024	Capsule Batch #:	ADFCSLL0424VEG
Report Date:	09/16/2024	Capsule Material:	Vegetable Capsules
Best By Date:	09/2027	Capsule Size:	00
Appearance:	Capsules filed with cream powder	Capsule Color:	Clear
Other Ingredients:	Vegetable Capsules		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2034	Conforms	Pass
Smell	Org. Tube # 2034	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥815mg/capsule	815mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	940mg/capsule	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Dihydromyricetin	150mg/capsule	DMC0090823	143_v2
Ginger Extract 10% Gingerols + Shogaols CO2 Extracted	50mg/capsule	GCO0140922	536
Pyroglutamic acid	150mg/capsule	PGA0050224/0423	144_v3
Pyridoxal 5'-phosphate	5mg/capsule	P5P0050124	145_v4
Succinic Acid	125mg/capsule	SCA0400324	146_v3

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity Dihydromyricetin	LAB TM-001	FTIR	≥ 95% match	Conforms	Pass
Identity Zingiber officinale Rose	LAB TM-145	HPTLC	Matches to BRM	Conforms	Pass
Identity Pyroglutamic acid	LAB TM-001	FTIR	≥ 95% Match	98% Match	Pass
Identity Pyridoxal 5'-phosphate	LAB TM-001	FTIR	≥ 95% Match	100%	Pass
Identity Succinic Acid	LAB TM-001	FTIR	≥ 95% Match to Library Standard	99% Match to Library Standard	Pass
Assay- Dihydromyricetin	LAB TM-238	UPLC	≥ 147mg/capsule	151mg/capsule	Pass
Assay- Gingerols + Shogaols	LAB TM-019	UPLC	≥ 12.5mg/capsule	12.5mg/capsule	Pass
Assay- L- Pyroglutamic acid	LAB TM-027	Polarimeter	≥148.5mg/capsule	149mg/capsule	Pass
Assay -Pyridoxal 5'-phosphate	TM0020	UPLC-MS	≥4.8mg/capsule	5mg/capsule	Pass
Assay- Succinic Acid	HPLC	HPLC	≥123mg/capsule	124.6mg/capsule	Pass

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Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.158 ppm Cd 0.049 ppm Hg 0.011 ppm Pb 0.176 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.29	Pass

Final Approval



Kennedi Enoch, Quality Liaison

