

# 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-24-1228
Product Size:	60 count	Lot Number:	ADFCS1120123
Production Date:	12/01/2023	Capsule Batch #:	ADFCENZ0319VEG
Report Date:	12/01/2023	Capsule Material:	Vegetable Capsules
Best By Date:	12/2025	Capsule Size	00
Appearance:	Veggie Gold Capsules filed with cream powder	Capsule Color:	Gold
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	DMCSNC0718CN	143
Ginger Extract (25% Gingerols + shogaols)	50mg/capsule	GGRWXC0818CN	210
Pyroglutamic acid	150mg/capsule	PGASNC0718CN	144
Pyridoxal 5'-phosphate	5mg/capsule	P5PSNC0718CN	145
Succinic Acid	125mg/capsule	SCAWXC0818CN	146

## Analytical Testing

Test	Methodology	Specification	Result	Pass/Fail
Identity Dihydromyricetin	FTIR	Spectrum	Conforms	Pass
Identity Zingiber officinale Rose	HP-TLC	Conforms	Conforms	Pass
Identity Pyroglutamic acid	FTIR	Spectrum	Conforms	Pass
Identity Pyridoxal 5'-phosphate	FTIR	Spectrum	Conforms	Pass
Identity Succinic Acid	FTIR	Spectrum	Conforms	Pass
Assay- Dihydromyricetin	HPLC	≥ 147mg/capsule	156mg/capsule	Pass
Assay- Gingerols + Shogaols	HPLC	≥ 12.5mg/capsule	12.5mg/capsule	Pass
Assay- Pyroglutamic acid	HPLC	≥148.5mg/capsule	149mg/capsule	Pass
Assay -Pyridoxal 5'-phosphate	HPLC	≥4.8mg/capsule	5mg/capsule	Pass
Assay- Succinic Acid	HPLC	≥123mg/capsule	124.6mg/capsule	Pass



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Test	Method	Methodology	Specification	Result	Pass/Fail
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.124 ppm	Pass
				Cd 0.049 ppm	
				Hg 0.012 ppm	
				Pb 0.048 ppm	
Water Activity	LAB TM-012	Water Activity	< 0.73	0.21	Pass

Final Approval

Kennedi Enoch, Quality Liaison

