

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

Product Information			
Product Name:	Berbelean Enhanced Berberine	CoA #:	ND-25-168
Product Size:	30 count	Lot Number:	BRBCS1083024
Production Date:	08/30/2024	Capsule Batch #:	BRBCSLL0824VEG
Report Date:	08/30/2024	Capsule Material:	Vegetable Cellulose
Best By Date:	08/2027	Capsule Size:	Size 00
Appearance:	Green- Yellow Powder in Clear capsule	Capsule Color:	Clear/Clear
Other Ingredients:	Steric Acid		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2306	Conforms	Pass
Smell	Org. Tube # 2306	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥714mg/capsule	715.5mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	840mg/capsule	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Berberine Phytosome, Berbevis	550mg/capsule	BBP0840824	518_v4
Black Ginger 10%	50mg/capsule	BLG0870724	593_v3
Saffron Extract	30mg/capsule	SAF0770524	279_v7
CurCousin	50mg/capsule	CRC0680624	605_v1
Piperine 95%	6mg/capsule	PPR0090424	148_v4

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity- Berberine Phytosome, Berbevis	LAB TM-001	FTIR	≥ 95% Match to Reference Standard	96%	Pass
Identity (Kaempferia parviflora, root)	LAB TM-258	HPTLC	Matches to ARS	Matches to ARS	Pass
Identification - (Crocus sativus, Stigma)	LAB TM-168	HPTLC	Matches to BRM	Matches to BRM	Pass
Identity- CurCousin	LAB TM-001	FTIR	≥ 95% Match	Conforms	Pass
Identity- (<i>Piper nigrum</i> , fruit)	LAB TM-110	HPTLC	Matches to BRM	Matches to BRM	Pass
Berberine	LAB TM-184	UPLC	≥ 154mg/capsule	185.5mg/capsule	Pass
Assay - 5,7-dimethoxyflavone	LAB TM-263	UPLC	≥ 5mg/capsule	5.5mg/capsule	Pass
Safranals	LAB TM-169	HPLC	≥ 0.3mg/capsule	0.8mg/capsule	Pass
Crocins	LAB TM-169	HPLC	≥ 2.25mg/capsule	2.7mg/capsule	Pass
Calebin A (Dry Basis)	SLL/STP-C-058	HPLC	≥ 50mg/capsule	51.8mg/capsule	Pass
Piperine	LAB TM-226	UPLC	≥ 5.7mg/capsule	6mg/capsule	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals- 011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.115 ppm Cd 0.045 ppm Hg 0.010 ppm Pb 0.081 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.15	Pass

Final Approval:



Kennedy Enoch, Quality Liaison

