

Certificate of Analysis

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

Product Information			
Product Name:	Caffeine + N-Acetyl L-Tyrosine Solution	CoA #:	ND-24-1473
Product Size:	30 mL	Lot Number:	CNPS4042524
Production Date:	04/25/2024	Report Date:	04/25/2024
Best By Date:	04/2027	Appearance:	Clear Liquid
Other Ingredients:	Purified Water, Sucralose, Monk Fruit Extract, Bitterness Blocker, Natural Flavor Extract		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1503	Conforms	Pass
Smell	Org. Tube # 1503	Conforms	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Caffeine	100mg/serving	CFF0090722	006
N-Acetyl L-Tyrosine	115mg/serving	NLT0050122	083

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity- Caffeine	LAB TM-001	FTIR	≥95% match	99%	Pass
Identity- N-Acetyl L-Tyrosine	LAB TM-001	FTIR	≥ 95% Match	96% Match	Pass
Assay- Caffeine	LAB TM-008	LC-MS	≥ 100mg/serving	100mg/serving	Pass
Assay- N-Acetyl L-Tyrosine	LAB TM-190	LC-MS	≥ 115mg/serving	115mg/serving	Pass

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 0.191 ppm Cd 0.076 ppm Hg 0.018 ppm Pb 0.076 ppm	Pass
Total Aerobic Plate Count	USP 2021	USP 2021	< 1000 CFU/g	500	Pass
Total Yeast	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Mold	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Coliform	USP 2021	USP 2021	< 100 CFU/g	< 10	Pass
Escherichia Coli	USP 2022	USP 2022	Absent in 10 g	Absent	Pass
Salmonella Species	USP 2022	USP 2022	Absent in 25 g	Absent	Pass
Staphylococcus aureus	USP 2022	USP 2022	Absent in 10 g	Absent	Pass

Final Approval



Kennedy Enoch, Quality Liaison

