



Nixi Laboratories Pvt. Ltd.,
Village Mouza Ogli, Sadhaura Road, Kala-Amb, District Sirmour -173030,
Himachal Pradesh (INDIA).

CERTIFICATE OF ANALYSIS FINISHED PRODUCTS

Product Name	BARISTA 1	AR. No.	NL/LV/FG/26/272
Generic Name	Caffeine Citrate Injection USP		
Mother Batch No.	V26LJ003	Reference	USP
Child Batch No.	V26LJ003A	Batch size	10100 Vials
Mfg. Date	06/2026	Exp. Date	05/2028
Specification No. (STS No.)	QC/LV/FG/STS/069	Standard Test Procedure No.	QC/LV/FG/STS/069
Sampled Quantity	111 Ampoules	Sampling Date	13/07/2026
Released Date	28/07/2026		

Sr.No.	TEST	SPECIFICATION	OBSERVATION
1.	Description	A clear colour liquid free from foreign particles filled in 2 ml amber / clear colour glass vials.	A clear colour liquid free from foreign particles filled in 2 ml clear colour glass vials.
2.	Identification (A) By HPLC: (B) By Chemical: (C) By Chemical:	The retention time of the major peak of the sample solution corresponds to that of the standard solution as obtained in the assay. A light red color is produced. Brown precipitate that dissolves on neutralization with 0.5 mL of sodium hydroxide TS is produced.	Complies Complies Complies
3.	Average filled volume	Not less than 1.0 ml	1.06 ml
4.	Extractable Filled Volume	Not less than 1.0 ml	1.06 ml
5.	pH	4.2 to 5.2	4.77
6.	Particulate matter		
	Visible particles:	Should be free from visible particles	Complies
	For sub visible particles: (i) Equal to or greater than 10µm (ii) Equal to or greater than 25µm	Not more than 6000/container Not more than 600/container	45.0 particles/container 0.0 particles/container
7.	Sterility	Should be comply the test of sterility	Complies
8.	Bacterial Endotoxins	Not more than 0.25 EU/mg of Caffeine	Complies
9.	Related Substance		

	ANALYSED BY	CHECKED BY	APPROVED BY
Name	Sony Rani	Meenakshi Panday	Aditya Singh
Designation	Chemist QC	Sr.Executive QC	Manager QC
Signature			
Date	28/07/26	28/07/26	28/07/26

Name : Aditya Singh
Designation : Manager QC
Qualification : Bsc
Enrollment No. : 11005545
Avadh University Ayodhya



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	Theobromine	Not More than 0.1%	Not Detected
	Paraxanthine	Not More than 0.1%	Not Detected
	Theophylline	Not More than 0.1%	Not Detected
	Any individual impurity	Not More than 0.1%	0.02%
	Total impurity	Not More than 0.1%	0.04%
10.	Assay: Each ml contains: Caffeine Citrate 20mg	18.0 mg to 22.0 mg (90.00 % to 110.00 %)	20.59 mg (102.95%)

RESULT:The above sample **COMPLIES/DOES NOT COMPLY** as per Specification No. QC/LA/FG/STS/069.

Conclusion: In the opinion of the under signed the sample referred above is of **STANDARD QUALITY / IS NOT STANDARD QUALITY** as defined in the Drugs & Cosmetics Act, 1940 and the rules made here under further.

	ANALYSED BY	CHECKED BY	APPROVED BY
Name	Sony Rani	Meenakshi Panday	Aditya Singh
Designation	Chemist QC	Sr.Executive QC	Manager QC
Signature			
Date	28/07/26	28/07/26	28/07/26

Approved By
Name : Aditya Singh
Designation : Manager QC
Qualification : Bsc
Enrollment No. H-006545
Avadh University Ayodhya