



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

CERTIFICATE OF ANALYSIS FINISHED PRODUCTS

Product Name	CYNOCAN-12	AR. No.	NL/LA/FG/26/228
Generic Name	Cyanocobalamin Injection IP		
Mother Batch No.	A26OW001	Reference	IP
Child Batch No.	A26OW001	Batch size	27619 Ampoules
Mfg. Date	05/2026	Exp. Date	04/2028
Specification No. (STS No.)	QC/LA/FG/STS/156	Standard Test Procedure No.	QC/LA/FG/STS/156
Sampled Quantity	100 Ampoules	Sampling Date	02/05/2026
Released Date	16/05/2026		

Sr.No.	TEST	SPECIFICATION	OBSERVATION
1.	Description	A reddish colour liquid free from foreign particles filled in 2 ml amber / clear colour glass ampoule.	A reddish colour liquid free from foreign particles filled in 2 ml amber colour glass ampoule.
2.	Identification Determine By UV.	The ratio of the absorbance at about 361 nm to that at about 547 nm to 559 nm is 3.15 to 3.45 and the ratio of the absorbance at about 361 nm to that at about 278 nm is 1.70 to 1.90	3.33 3.29 1.74
3.	Average filled volume	Not less than 2.0 ml	2.04 ml
4.	Extractable Volume	Not less than 2.0 ml	2.04 ml
5.	pH (At 25.0°C±2°C)	3.8 to 5.5	4.75
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	35.0 particles/container 5.0 particles/container
7.	Bacterial Endotoxins	Not more than 0.4 EU/ug of Cyanocobalamin.	Complies
8.	Sterility	Should be comply the test of sterility	Complies

	ANALYSED BY	CHECKED BY	APPROVED BY
Name	Rahul Singh	Ganesh Jaiswal	Aditya Singh
Designation	Sr. Officer QC	Sr. Executive QC	Asst. Manager QC
Signature			
Date	16/05/26	16/05/26	16/05/26

Format No.: F/QC/013/03-04

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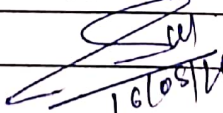
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9.	Related Substance (By HPLC)	The sum of the areas of all the secondary peaks is not more than the area of the principal, peak in the chromatogram obtained with reference solution (a).	Complies
10.	Assay: (By UV) Each 2 ml contains: Cyanocobalamin IP 500 mcg	475 mcg to 550 mcg (95.00 % to 110.00 %)	500.48 mcg (100.10%)
	Phenol IP 0.5%w/v (As preservative)	0.40%w/v to 0.60%w/v (80.00 % to 120.00 %)	0.49% w/v (98.00%)

RESULT: The above sample **COMPLIES/DOES NOT COMPLY** as per Specification No-QC/LA/FG/STS/156.

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 hereunder further:

	ANALYSED BY	CHECKED BY	APPROVED BY
Name	Rahul Singh	Ganesh Jaiswal	Aditya Singh
Designation	Sr. Officer QC	Sr. Executive QC	Asst. Manager QC
Signature			
Date	16/05/26	16/05/26	16/05/26

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