AMERICAN REMEDIES	American Remedies Healthcare Pvt. Ltd. Surajpur, Nahan Road Paonta sahib Dist. Sirmour (H.P) QUALITY CONTROL DEPARTMENT

CERTIFICATE OF FINISH PRODUCT ANALYSIS

Product Name:	Numbon-ADR Injection (Lignocaine and Adrenaline Injection IP)		
Batch No.	25AR012A	A.R. No.	AFP250016
Batch Size	25100 Vials	Sample Quantity	60 Nos
Mfg. Date	08/2025	Date of Testing	31/08/2025
Exp. Date	07/2027	Date of Release	17/09/2025
Reference Batch No	25AR012	MFG. Lic. No.	HP-MB-LL-00235

Sr. No.	Test	Specification	Observation
1.	Description	A clear colourless solution	A clear colourless solution
2.	Identification A. By Chemically B. By Chemically C. By Melting Point	A. To 5 ml add 1 ml of hydrochloric acid, cool to 0°, add 5 ml of a 1 per cent w/v solution of sodium nitrite and pour the mixture into 2 ml of 2-naphthol solution containing 1 g of sodium acetate; no red colour is produced. B. To 10 ml add 4 ml of disodium hydrogen phosphate solution and sufficient 0.1 M iodine to produce a distinct brown colour, Add 0.01 M sodium thiosulphate to remove the excess of iodine; a pink colour is produced. C.To 3 ml add 3 ml of water and 6 ml of picric acid solution, shake gently and allow to stand until the precipitate becomes crystalline; the precipitate, after washing with water and. drying at 105°, melts at about 229°	Complies
3.	pH	3.0 to 4.5	4.02
4.	Extractable Volume	NLT 30.0 ml	30.0 ml
5.	Particulate Matter	Injections that are solutions, when examined under suitable conditions of visibility, are clear and practically free from particles that can be observed on visual inspection by the unaided eye.	Complies

AMERICAN REMEDIES Care & Cure with Research	**American Remedies Healthcare Pvt. Ltd.** Surajpur, Nahan Road Paonta sahib Dist. Sirmour (H.P) **QUALITY CONTROL DEPARTMENT**

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6.	**Bacterial Endotoxins**	NMT 17.5 EU/mg	Less than 17.5 EU/mg
7.	**Sterility**	Should be complies	Sterile
8.	**Assay:** **Each ml contains** **Lignocaine Hydrochloride IP 20 mg**	19.0 mg to 21 mg 95.0 % to 105.0 %	20.46mg 102.3%
	Adrenaline Bitartrate IP eq. to Adrenaline 0.01 mg	0.00875 mg to 0.01125 mg 87.50 % to 112.5 %	0.0104 mg 104.0%

Remark: The sample is complies as per IP /BP/ USP/IH specification.

	Prepared By	Checked By	Approved By
Sign/Date	17/09/2025	17/09/2025	17/09/2025
Name	**Prayash**	**Manisha Thakur**	**Bhupinder Navet**
Designation	**Officer QC**	**Executive-QC**	**Head-QC**

AMERICAN REMEDIES PVT. LTD. QUALITY CONTROL MANAGER