



Finished Product Certificate of Analysis

Generic Name	Lignocaine and Adrenaline Injection IP 20 mg and 1:80000/ml	Analytical Report No.	KPL1/QC/AR/FP/2026/1235
Product Name	NUMBON ADR 1:80K CARTRIDGE, LIDOCAINE AND ADRENALINE INJECTION IP 2%W/V + 1:80000	Reference Pharmacopoeia	IP
Batch No.	GN7888	Batch Size	48889 CARTRIDGES
Mfg. Date	February 2026	Exp. Date	January 2029
Sample Received on	21/03/2026	Specification No	KPA/SLS/QC/112/2636
Analysis Initiated on	21/03/2026	Date of Release	22/04/2026

Analytical Data

Packing Presentation: 1.8 ML CLEAR GLASS CARTRIDGES PACKED IN BLISTER STRIP WITH LEAFLET HAVING STICKER LABEL.

S.No.	Tests	Specifications	Observations		
1	Description	Clear and colorless solution filled in clear glass cartridges packed in blister strip with leaflet having sticker label.	Clear and colorless solution filled in clear glass cartridges packed in blister strip with leaflet having sticker label.		
2	Identification.				
	A Color test	No red colour is produced	No red colour is produced		
	B Color test	A pink colour is produced	A pink colour is produced		
	C Melting point	Melts at about 229°C	229.1°C		
3	Deliverable volume	Not less than 1.8 ml	1.8 ml		
4	pH	Between 3.0 and 4.5	4.42		
5	Bacterial Endotoxins Test	It contains not more than 0.7 endotoxin unit per mg	Less than 0.7 endotoxin unit per mg		
6	Sterility test	Should be sterile	It is Sterile		
7	Particulate matter Test				
	A $\geq 10 \mu\text{m}$	Not more than 6000 particles / container	2042		
	B $\geq 25 \mu\text{m}$	Not more than 600 particles / container	60		
8	Visible particle test for injection	Shall be free from visible particles	No visible particles observed.		
9	Assay	Limit	Claim	Result	%age
	Each ml contains: Lidocaine Hydrochloride I.P. 20 mg	95.0% - 105.0%	20 mg	19.7 mg	98.5%
	Adrenaline Acid Tartrate I.P. 22.5 mcg eq. to Adrenaline 12.5 mcg. (1:80,000)	87.5% - 112.5%	12.5 mcg	13.1 mcg	104.8%

Conclusion : The above product complies with above specifications and meets the standard quality as per IP

 Prepared By Data Operator 22/04/2026	 Reviewed By Asst. Manager QC/Designee 22/04/2026	 Approved By Head QC/Designee 22/04/2026	 Authorized By Head QA/Designee 22/04/2026
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