

Certificate of Analysis Finished Product

Title	:		
Product Name	DOXYCIN Injection	A.R. No.	NB/FP/26/177
Generic Name	Doxycycline for Injection USP 100mg	Sampled qty.	45 Vials
Batch No.	N26167B	Sampled by	Rakesh
Batch Size	29,900 Vials	Sampled on	21/08/2026
Mfg. Date	08/2026	Date of Testing	22/08/2026
Exp. Date	07/2028	Date of Release	04/09/2026

S. No.	Tests	Specifications	Observations
1	Description	A light yellowish dry powder filled in amber glass vial.	A light yellowish dry powder filled in amber glass vial.
2	Identification (By UV) (By HPLC)	A. The UV spectrum of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay B. The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay.	Complies Complies
3	Uniformity of Weight	Average weight $\pm 10\%$	-7.94% & +9.76%
4	Average weight	Informative $\pm 2\%$.	123.2 mg
5	Loss on drying	NMT 4%w/w	2.58%w/w
6	pH	1.8 to 3.3	2.26
7	Organic impurities		
	4-Epidoxycycline	NMT 2.2%	0.037%
	Any individual unspecified impurity	NMT 0.5%	0.247%
	Total impurities	NMT 5.5%	0.283%
8	Particulate Matter (A.) Light Obscuration Particle Count Test 1. Particles $\geq 10 \mu\text{m}$ 2. Particles $\geq 25 \mu\text{m}$ (B.) Visual Particle	NMT 6000/Vial NMT 600/ Vial The solution should be essentially free from extraneous, mobile undissolved particles, other than gas bubbles, unintentionally that can be seen with visual inspection.	872/Vial 3/Vial Complies
9	Constituted Solution: Completeness and clarity of solutions	- The Solid dissolves completely, leaving no undissolved matter. - The constituted solution is not significantly less clear than an equal volume of the diluents or of purified water contained in a similar vessel and examined similarly	Complies

Name : Mrs. Swati Dhawan
Designation : QC HOD

Qualification : M.Sc. Microbiology
Registration No. : 580406
Approved by :
NAME : MRS. SWATI DHAWAN
Jagjit Singh Technical University, Jalandhar

Analysis by :
NAME: SHAHRUKH KHAN

Checked by :
NAME: SURJEET KAUR



Add Pace To Health

Pace Biotech

Surajpur, Paonta sahib Dist. Sirmour (H.P)

Title**:****Certificate of Analysis Finished Product**

Product Name	DOXYCIN Injection	A.R. No.	NB/FP/26/177
Generic Name	Doxycycline for Injection USP 100mg	Sampled qty.	45 Vials
Batch No.	N26167B	Sampled by	Rakesh
Batch Size	29,900 Vials	Sampled on	21/08/2026
Mfg. Date	08/2026	Date of Testing	22/08/2026
Exp. Date	07/2028	Date of Release	04/09/2026

		➤ The constituted solution is free from particulate matter that can be observed on visual inspection.		
10	Sterility	No microbial growth should be observed.		Complies
11	Bacterial Endotoxins	NMT1.14 USP EU/mg of Doxycycline.		Less than 1.14 USP EU/mg of Doxycycline.
12	Assay: (By HPLC) Each glass vial contains:			
Ingredients		Labeled Claim	Found	% of labeled amount
(Sterile) Doxycycline Hydrochloride IP Eq. to Doxycycline		100 mg	101.3571 mg	101.36%
				Limits % of labeled amount
				90.0 to 120.0%

Remarks: In the opinion of the undersigned the sample referred to above is/ is ~~not~~ of the standard quality as The Drug & Cosmetic Act 1940 and the rules made there under. Complies/ ~~not~~ complies as per IP/BP/USP/HS

Name : Mrs. Swati Dhawan

Designation : QC HOD

Qualification : M.Sc. Clinical Microbiology

Registration Approved by

NAME: MRS. SWATI DHAWAN

Analysis by

NAME: SHAHRUKH KHAN

Checked by

NAME: SURJEET KAUR