

**CERTIFICATE OF ANALYSIS**

Product Name	Dexacan		
Generic Name	Dexamethasone Sodium Phosphate Injection IP 4mg/ml	Product Code	DX
Batch No	DXV24027	Batch size	250 Liters
Mfg. Date	MAY 2024	Exp. Date	APR.2027
Date of sampling	30/05/2024	Completed Date	13/06/2024
A.R. No	RLS/FP/240141	Specification No.	FPS006




Sr. No.	Tests	Method	Specification	Results
1	Description	IP/ IH	A clear, almost colourless solution filled in USP type I/ type II / type III glass container.	A clear, almost colourless solution filled in USP type-I, 2ml clear glass vial with blue colour flip off seal.
2	Identification A by HPLC	IP	In the assay, the principal peak in the chromatogram obtained with the test solution corresponds to the peak due to dexamethasone sodium phosphate in the chromatogram obtained with the reference solution (a).	Complies
3	pH	IP	NLT 7.0 and NMT 8.5	7.89
4	Extractable volume	IP	NLT nominal volume in ml	2.0 ml
5	Particulate matter:	IP	Clear and practically free from particles when observed by visual inspection by the unaided eyes.	Complies
	A Visual inspection			
	B	IH	NMT 6000 per container.	142.53 particles per container
	Particle size $\geq 25\mu\text{m}$		NMT 600 per container.	0.67 particles per container
6	Free Dexamethasone	IP	NMT 0.5 %.	0.229 %
7	Assay (Each 1 ml of solution contains 4 mg Dexamethasone phosphate)	IP	NLT 95.0% and NMT 105.0% (NLT 3.8 mg and NMT 4.2 mg)	102.3 % (4.090 mg/ml)

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8	BET	IP	NMT 31.3 EU/ mg of Dexamethasone phosphate.	Less than 15.6 EU/mg
9	Sterility	IP	Should be sterile.	Sterile
Additional tests				
10	Methyl paraben content	IH	NLT 90.0% and NMT 110.0%	99.4 %
	Propyl paraben content	IH	NLT 90.0% and NMT 110.0%	99.1 %

Remarks: The product complies as per IP and In-house specification.

	Analysed by	Checked by	Approved by
Signature			For, 
Date	14/06/2024	14/06/2024	14/06/2024