

CERTIFICATE OF ANALYSIS

Product Name	DEXACAN		
Generic Name	Dexamethasone Sodium Phosphate Injection IP	Product Code	DX
Batch No	DXV24016	Batch size	250 Liters
Mfg. Date	MAR.2024	Exp. Date	FEB.2027
Date of sampling	07/03/2024	Completed Date	22/03/2024
A.R. No	RLS/FP/240055	Specification No.	FPS006

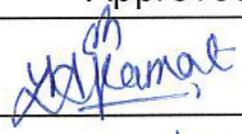
Sl. No.	Tests	Method	Specification	Results
1	Description	IP/ IH	A clear, almost colourless solution filled in USP type I/ type II / type III glass container.	A clear, almost colourless solution filled in USP type-I, 2ml clear glass vial with blue colour flip off seal.
2	Identification A by HPLC	IP	In 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	7.77
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	Particle size $\geq 10\mu\text{m}$	IH	NMT 6000 per container.
	Particle size $\geq 25\mu\text{m}$	NMT 600 per container.		65.73 particles per container
6	Free Dexamethasone	IP	NMT 0.5 %.	0.277 %
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)	102.0 % (4.080 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%	99.1%
	Propyl paraben content	IH	NLT 90.0% and NMT 110.0%	97.8%

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

	Analysed by	Checked by	Approved by
Signature			
Date	24/05/2024	24/05/2024	24/05/2024