

stermone

chemicals private limited

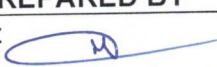
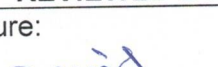
CERTIFICATE OF ANALYSIS

Name of Product	: DESOXIMETASONE USP (MICRONISED)	A. R. No.	: FG240634
Batch No.	: SCPL/DSM/005/2024	Qty. Mfg.	: 0.764 Kg
Mfg. Date	: Nov. 2024	Date of approval	: 11.12.2024
Exp. Date	: Oct. 2028	STP No.	: APISTP/DSM-USP/03
Specification No.	: APIS/DSM-USP/03		
Mfg. LIC. No.	: G/25/1949		
Storage condition	: Preserve in well closed container.		

SR. NO.	TEST	SPECIFICATION	RESULT
1	Description	White to practically white, odourless, crystalline powder.	White odourless, powder.
2	Solubility	Freely soluble in alcohol, in acetone and in chloroform, insoluble in water.	Freely soluble in alcohol, in acetone and in chloroform, insoluble in water.
3	Identifications		
	i) By IR	The infrared absorption spectrum of sample should be concordant with to that of the standard spectrum.	The infrared absorption spectrum of sample is concordant with to that of the standard spectrum.
	ii) By TLC	The major spot from the test solution should be corresponds in R_f value and appearance to that obtained from the standard solution.	The major spot from the test solution is corresponding in R_f value and appearance to that obtained from the standard solution.
4	Melting range	Between 206°C and 218°C	209.2°C – 212.7°C
5	Specific optical rotation (w/v) (On dried basis)	Between +107° and +112°	+109.7°
6	Loss on drying (w/w)	NMT 1.0%	0.52%
7	Residue on ignition (w/w)	NMT 0.2%	0.04%
8	Assay by HPLC (w/w) (On dried basis)	NLT 97.0% and NMT 103.0%.	99.0%
	Additional tests		
A	Particle size	D 99 less than 30µm	Complies
		D 80 less than 15µm	Complies
		D 70 less than 5µm	Complies

Conclusion: Product complies as per USP 43 specification.


05/05/2026
EFA

PREPARED BY	REVIEWED BY	APPROVED BY
Signature: 	Signature: 	Signature: 
Date: 27/02/25	Date: 27/02/25	Date: 27/02/25
Name: Zafar Shaikh	Name: Minas Vhora	Name: Mukesh Verma
Designation: QC Officer	Designation: QC Executive	Designation: QC Manager

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QC007/F04-01

CIN : U24110GJ2005PTC047409

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