



SWAPNROOP DRUGS & PHARMACEUTICALS

Address: Plot No:D-187/16, Five Star Shendra MIDC, Shendra,
Aurangabad-431154, Maharashtra, India.

Call/ WhatsApp: +91-8767062101 Email: enquiry@sdp.org.in
website: www.sdp.org.in

CERTIFICATE OF ANALYSIS

Product Name	ADAPALENE BP	CAS No:	106685-40-9
Batch No:	2604001	Manufactured by	-
Date of Mfg.	APR-2026	Date of Analysis	20/04/2026
Batch Quantity	-	Date of Retest	MAR-2031

Sr. No	Test	Acceptance Criteria	Results
1.	Description	White or almost white powder	Complies
2.	Solubility	Practically insoluble in water, sparingly soluble in Tetrahydrofuran, practically insoluble in ethanol (96%.	Complies
3.	Identification		
	By IR	The Infrared absorption spectrum should be concordant with that of Adapalene WS	Complies
4.	Appearance of solution	The solution should be clear and not more intensely colored than reference solution	Complies
5.	Loss on drying	Not more than 0.50% w/w	0.09% w/w
6.	Sulphated ash	Not more than 0.10% w/w	0.04% w/w
7.	Heavy metals	Not more than 20ppm	NMT 20 ppm
8.	Related substance (By HPLC)	Impurity A - Not more than 0.30%	0.09%
		Impurity D - Not more than 0.20%	0.09%
		Impurity C - Not more than 0.15%	0.05%
		Unspecified impurities: NMT 0.10%	0.04%
		Total impurities: Not more than 0.50%	0.22%
9.	Assay by HPLC (on dried basis)	Not less than 98.0% and not more than 102.0% w/w	99.62%
10.	Residual solvents		
	Acetone	Not more than 5000 ppm	1820 ppm
	Methanol	Not more than 1000 ppm	358 ppm
	Tetrahydrofuran	Not more than 720 ppm	Not Detected
	Ethyl acetate	Not more than 3000 ppm	1220 ppm

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications



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Prepared By	Checked by	Approved By
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Date: 23/04/2026	Date: 23/04/2026	Date: 23/04/2026

