



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	ALLYLESTRENOL	CAS No:	432-60-0
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 to almost white crystalline powder, odorless.	Complies
2.	Solubility	Practically insoluble in water, very soluble in ethanol, in chloroform; in acetone and in dioxane. Freely soluble in methanol and in ether.	Complies
3.	Identification		
	By IR	The infrared spectrum of the sample is concordant to that of the standard.	Complies
	By HPLC	The retention time corresponds to that of standard.	Complies
4.	Melting point	Between 78°C to 81°C	78°C to 79°C
5.	Specific Optical Rotation (1% w/v solution in 1,4-Dioxane)	Between +43° to +47° (On dried basis)	+46°
	Specific Optical Rotation (1% w/v solution in Chloroform)	Between +37° to +40° (On dried basis)	+38°
6.	Clarity & color of Solution (2% w/v solution in Dioxane)	The solution is clear and colorless	Complies
7.	Related Substances (By TLC)	Any secondary spot in solution (a) is not more intense than the spot obtained with solution (b). Total impurities is not more than 1.0%.	Complies
8.	Residue on Ignition	NMT 0.2% w/w	0.05%
9.	Water Content	NMT 0.5% w/w	0.34%
10.	Assay (By HPLC)	NLT 97.0% w/w to 102.0% w/w of C ₂₁ H ₃₂ O (On anhydrous basis).	99.4%



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11.	Additional Test Residual Solvents (By GC)	Diethyl ether: NMT 5000 ppm	70 ppm
		Acetonitrile: NMT 410 ppm	143 ppm

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By	Checked by	Approved By
Sonali Nirmal 	Dadarao kakde 	Nayna Nehete 
Date: 23/04/2026	Date: 23/04/2026	Date: 23/04/2026

