



LIFE VISION HEALTHCARE
Plot No.138-139-140-141-142, EPIP, Phase-1, Jharmajri,
Baddi, Distt.: Solan (H.P.)-174103

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DEPARTMENT: QUALITY CONTROL

CERTIFICATE OF ANALYSIS
(FINISHED PRODUCT)

Product Name	TUSNYL - D		
Generic Name	Dextromethorphan Hydrobromide, Phenylephrine Hydrochloride & Chlorpheniramine Maleate Syrup		
Batch No.	LLD - 7070	A.R.No.	QC/FP/LLD - 7070
Mfg. Date	DEC. 2023	Batch Size	500 Ltr.
Exp. Date	NOV. 2025	Sample quantity	12 X 100 ml
Date of Receipt	13-12-2023	Date of release	20-12-2023
Date of analysis	14-12-2023	Mfg. Lic. No.	MNB/09/804 & MB/09/805
Marketed by	HINDUZA LIFE SCIENCE PVT. LTD.		

S. No.	TEST	SPECIFICATION	OBSERVATION	
1	Description	Pink coloured syrupy liquid fill in amber coloured "100 ml" pet bottles.	Pink coloured syrupy liquid filled in amber coloured "100 ml" pet bottles.	
2	Identification Dextromethorphan Hydrobromide IP Phenylephrine Hydrochloride IP Chlorpheniramine Maleate IP	In assay by HPLC, the RT (Retention Time) of the sample solution should match with the RT of the standard solution. In assay by HPLC, the RT (Retention Time) of the sample solution should match with the RT of the standard solution. In assay by HPLC, the RT (Retention Time) of the sample solution should match with the RT of the standard solution.	In assay by HPLC, the RT (Retention Time) of the sample solution match with the RT of the standard solution. In assay by HPLC, the RT (Retention Time) of the sample solution match with the RT of the standard solution. In assay by HPLC, the RT (Retention Time) of the sample solution match with the RT of the standard solution.	
3	pH	4.0 to 6.0	4.56	
4	Weight per mL	1.00 to 1.30 g	1.2903 g	
5	Average net volume	NLT 100 ml	100.3 ml	
6	Uniformity of Volume	± 4.5 %	Within the limit	
7	Assay			
	Each 5 ml contains:	Claim	Result	Limit
	Dextromethorphan Hydrobromide IP	10 mg	9.908 mg (99.08 %)	9.0 mg to 11.0 mg (90.0 % to 110.0 %)
	Phenylephrine Hydrochloride IP	5 mg	4.957 mg (99.14 %)	4.50 mg to 5.50 mg (90.0 % to 110.0 %)
	Chlorpheniramine Maleate IP	2 mg	1.9935 mg (99.68 %)	1.80 mg to 2.20 mg (90.0 % to 110.0 %)
8	***Addition Test			
	Ethylene Glycol & Diethylene Glycol			
	Ethylene Glycol	Not Detected		Not more than 0.1 %
	Diethylene Glycol	Not Detected		Not more than 0.1 %

Note: ***Represents that analysis is done by Oxigen Analytical Laboratories/Report No. OALB231216116

Remark: The above finished product complies to as per In House specification

	Analyzed by Officer-QC	Checked by Executive-QC	Approved by Manager-QC
Signature			
Date	20-12-2023	20-12-2023	20-12-2023