



**ZEE LABORATORIES LTD**  
Behind 47, Industrial Area, Gondpur Paonta Sahib Sirmour HP INDIA 173025

**CERTIFICATE OF ANALYSIS (FINISHED PRODUCT)**

(The Drugs & Cosmetics Act 1940 at the under form 39)

Work Order No. :

Document No. : 242543726

Ref. STS No.	18	Product Code	FG03360
Product Name	TAB. METOLASH-50 XL		
Generic Name	METOPROLOL SUCCINATE I.P. 50MG EXTENDED RELEASE TABLETS		
Batch No.	424-2660	Date Of Sampling	28/12/2024
Batch Size	450000.000 Tab	Sample Quantity	60.000 Tab
Mfg. Date	12/2024	Exp. Date	11/2027
A. R. No.	ZL24FG10189	Date Of Release	31/12/2024

S NO.	Tests	Specification	Results
1	Description	White colour, rounded, extended released tablets, scored on one side.	Complies
2	Identification	Compare the spectrum with that obtained with metoprolol succinate ws treate in the same manner or with the reference spectrum of metoprolol	Complies
3	Average Weight of Tablet	220.0 mg $\pm$ 7.5%	221.9 mg
4	Uniformity of Weight	Average weight of tablet $\pm$ 7.5%.	-4.46% to + 3.19%
5	Dissolution Test	NLT 30.0% and NMT 65.0%. pH 6.8 phosphate buffer In 2 hours	42.50% - 45.35 %
6	Dissolution Test	NLT 60.0% and NMT 95.0% In 6 hours.	71.27% - 74.52 %
7	Dissolution Test	NLT 70.0% In 10 hours of the labeled amount of Metoprolol Tartrate	85.58% - 89.50 %
8	Related substances	The area of any secondary peak: NMT 0.2% The sum of all the secondary peak: NMT 0.75%	Complies
9	Assay Each Extended Release tablet contains Metoprolol Succinate I.P 47.5 mg Eq to Metoprolol Tartrate 50 mg	NLT 90.0% and NMT 110.0% of the labeled amount of Metoprolol Tartrate	102.80 %

**Remarks** The above sample complies/does not comply with prescribed standards of Quality with respect to above tests as per IP/BP/USP/house specification.

Particulars	Prepared By	Checked By	Approved By
Sign & Date	31/12/2024	31/12/2024	31/12/2024
Name:	Nayyaree	Dheraw	Thakur Deep Singh
Designation:	Office Executive	Autograph	QCM