

CERTIFICATE OF ANALYSIS
FINISHED PRODUCT

Product Name	Mecobrook LC Tablets		
Generic Name	Methylcobalamin, L-Carnitine L-Tartrate and Folic Acid Tablets.		
Batch No.	GT4114	Batch Size	153,000 Tablets
Mfg. Date	SEP-2024	Exp. Date	AUG-2026
Quantity Sampled	100 Tablets	Date of Sampling	12/09/2024
A.R. No.	FT/G/956/24-25	Date of Release	13/09/2024
Specification No.	RD/STS/260-FP	Reference	IHS

Sr.No.	TEST	SPECIFICATION	OBSERVATION
1.	Description	Brick red coloured, elongated shaped, biconvex, scored on one side film coated tablets.	Brick red coloured, elongated shaped, biconvex, scored on one side film coated tablets.
2.	Identification (By HPLC)	In the Assay, the principal peaks in the chromatogram obtained with the test solution correspond to the principal peaks in the chromatogram obtained with the reference solution.	Complies
3.	Average weight	826.0 mg $\pm$ 2.0%	834.8 mg
4.	Uniformity of weight	Average weight $\pm$ 5%	Min.810.0 mg (-2.97%) Max.863.0 mg (+3.37%)
5.	Disintegration Time	Not More Than 30 minutes	10 minutes 06 sec.
6.	Assay : Each film coated tablet contains:		
	Methylcobalamin IP 1500 mcg	NLT- 1350 mcg (NLT-90%)	1828.35 mcg (121.89%)
	L-Carnitine L-Tartrate Eq. to L-Carnitine 500mg	450.0 mg to 550.0 mg (90.0% to 110.0 %)	496.83 mg (99.37%)
	Folic acid IP 1.5 mg	1.35 mg to 1.65mg (90.0% to 110.0 %)	1.482 mg (98.78%)

RESULT: The above Sample ~~COMPLIES~~ **DOES NOT COMPLY** as per specification No.RD/STS/260-FP
INFERENCE: In the opinion of the under signed the sample referred above is of STANDARD QUALITY ~~IS NOT~~
STANDARD QUALITY as defined in the Drugs & Cosmetics Act, 1940 and the rules made hereunder further.

ANALYSED BY	CHECKED BY	APPROVED BY
Executive QC	Head QC	Head QA
Sign: <i>Sumit</i>	Sign: <i>Sheela Kumer</i>	Sign: <i>Keaton Jendy</i>
Name: <i>Sumit Jai</i>	Name: <i>Sheela Kumer</i>	Name: <i>Keaton Jendy</i>
Date: <i>13/09/24</i>	Date: <i>13/09/24</i>	Date: <i>13/09/24</i>