



Safetab Life Science

Plot No. A-67 to 72, PIPDIC
Electronic Park, Thirubuvanaai,
Puducherry-605107

Tel: 0413 – 2641099
2641199
2641666
info@safetab.net
www.safetab.net

CERTIFICATE OF ANALYSIS

Product Name	:	LITACOLD FLU (Paracetamol, Phenylephrine, Chlorphenamine Maleate & Caffeine Tablets)			
Batch No.	:	G17250705	Batch Size	:	12.5LAC
Mfg. Date	:	JUL'2025	Exp. Date	:	JUN'2028
Sampling Date	:	21/07/2025	Sample Quantity	:	13X4'S
Analysis Date	:	21/07/2025	Specification No.	:	SPEC-978-00
Release Date	:	26/07/2025	A.R. No.	:	SFP251199

Sr. No.	Test	Specifications	Results
1.	Description	Light yellow coloured, flat, round beveled edged uncoated tablet with break line on one side and plain on other side.	Light yellow coloured, flat, round beveled edged uncoated tablet with break line on one side and plain on other side.
2.	Identification (By HPLC)		
	A. Paracetamol BP	The retention time of one of major peak in the chromatogram of the sample preparation corresponds to the peak due to Paracetamol in the standard preparation as obtained in assay.	Complies
	B. Phenylephrine HCl BP	The retention time of one of major peak in the chromatogram of the sample preparation corresponds to the peak due to Phenylephrine HCl in the standard preparation as obtained in assay.	Complies
	C. Chlorphenamine Maleate BP	The retention time of one of major peak in the chromatogram of the sample preparation corresponds to the peak due to Chlorphenamine Maleate in the standard preparation as obtained in assay.	Complies
	D. Caffeine BP	The retention time of one of major peak in the chromatogram of the sample preparation corresponds to the peak due to Caffeine in the standard preparation as obtained in assay.	Complies
3.	Average Weight of tablets	635.0 mg \pm 3.0% (615.9 mg to 654.0 mg)	636.9mg

Particulars	Prepared By	Reviewed By	Approved By
Name	C.K.SARAVANAN	K.SARAVANAN	M.VIJAYAKUMAR
Designation	Asst. Manager - QC	Dy. Manager - QC	GM - QC
Signature/Date			



Safetab Life Science

Plot No. A-67 to 72, PIPDIC
Electronic Park, Thirubuvanaï,
Puducherry-605107

Tel: 0413 – 2641099
2641199
2641666
info@safetab.net
www.safetab.net

CERTIFICATE OF ANALYSIS

Product Name	:	LITACOLD FLU (Paracetamol, Phenylephrine, Chlorphenamine Maleate & Caffeine Tablets)			
Batch No.	:	G17250705	Batch Size	:	12.5LAC
Mfg. Date	:	JUL'2025	Exp. Date	:	JUN'2028
Sampling Date	:	21/07/2025	Sample Quantity	:	13X4'S
Analysis Date	:	21/07/2025	Specification No.	:	SPEC-978-00
Release Date	:	26/07/2025	A.R. No.	:	SFP251199

Sr. No.	Test	Specifications	Results
4.	Uniformity of weight	Not more than 2 of the individual weights deviate from the average weight by more than $\pm 5\%$ and none deviate by more than $\pm 10.0\%$	(-): 1.56% (+): 1.80%
5.	Diameter	12.70 mm \pm 0.2 mm (12.50 to 12.90 mm)	12.80mm
6.	Thickness	4.30 mm \pm 0.2 mm (4.10 to 4.50 mm)	4.20mm
7.	Hardness	100 N to 250 N	173.64N
8.	Friability	Not more than 1.00%	0.20%
9.	Disintegration time	Not more than 15 minutes	05 minutes 11 seconds
10.	Dissolution:		
	Chlorphenamine Maleate BP..... 2 mg	Not less than 80.0% of the labeled amount	Min: 91.1%; Max: 98.8%; Avg: 97.0%
	Phenylephrine HCl BP ...5 mg	Not less than 80.0% of the labeled amount	Min: 94.8%; Max: 97.6%; Avg: 96.1%
	Caffeine (anhydrous) BP.....30 mg	Not less than 80.0% of the labeled amount	Min: 94.7%; Max: 100.2%; Avg: 97.3%
	Paracetamol BP... 500 mg	Not less than 80.0% of the labeled amount	Min: 97.8%; Max: 99.8%; Avg: 98.6%
11.	Uniformity Content:		
	Chlorphenamine Maleate BP..... 2 mg	Not less than 85.0 % and not more than 115.0 % of labeled claim	Min: 95.3%; Max: 99.4%; Avg: 97.5%
	Phenylephrine HCl BP ...5mg	Not less than 85.0 % and not more than 115.0 % of labeled claim	Min: 96.2%; Max: 101.8%; Avg: 98.0%

Particulars	Prepared By	Reviewed By	Approved By
Name	C.K.SARAVANAN	K.SARAVANAN	M.VIJAYAKUMAR
Designation	Asst. Manager - QC	Dy. Manager - QC	GM - QC
Signature/Date			



Safetab Life Science

Plot No. A-67 to 72, PIPDIC
Electronic Park, Thirubuvanaï,
Puducherry-605107

Tel: 0413 – 2641099
2641199
2641666
info@safetab.net
www.safetab.net

CERTIFICATE OF ANALYSIS

Product Name	:	LITACOLD FLU (Paracetamol, Phenylephrine, Chlorphenamine Maleate & Caffeine Tablets)	
Batch No.	:	G17250705	Batch Size : 12.5LAC
Mfg. Date	:	JUL'2025	Exp. Date : JUN'2028
Sampling Date	:	21/07/2025	Sample Quantity : 13X4'S
Analysis Date	:	21/07/2025	Specification No. : SPEC-978-00
Release Date	:	26/07/2025	A.R. No. : SFP251199

Sr. No.	Test	Specifications	Results
12.	Related Substances		
	Single maximum unknown impurity	Not more than 0.20%	Not Detected
	Total impurities	Not more than 0.50%	Not Detected
13.	Assay: Each uncoated tablet contains:		
	Chlorphenamine Maleate BP..... 2 mg	1.9mg to 2.2mg (95.0% to 110.0% of the labeled claim)	1.97mg (98.7%)
	Phenylephrine HCl BP ...5 mg	Not less than 95.0% and not more than 110.0% of labeled claim	4.93mg (98.6%)
	Caffeine (anhydrous) BP.....30 mg	Not less than 95.0% and not more than 110.0% of labeled claim	29.69mg (99.0%)
	Paracetamol BP.. 500mg	Not less than 95.0% and not more than 110.0% of labeled claim	487.05mg (97.4%)
14.	Microbial Limit Test		
	Total aerobic microbial count	Not more than 1000 cfu/g	<10cfu/g
	Total Yeast & Mould count	Not more than 100 cfu/g	<10cfu/g
	E. Coli	Should be absent/g	Absent
	Salmonella	Should be absent/10g	Absent
	P. aeruginosa	Should be absent/g	Absent
	S. aureus	Should be absent/g	Absent

Remarks: The sample Complies/Does not Complies as per BP / USP / In-House specification.

Particulars	Prepared By	Reviewed By	Approved By
Name	C.K.SARAVANAN	K.SARAVANAN	M.VIJAYAKUMAR
Designation	Asst. Manager - QC	Dy. Manager - QC	GM - QC
Signature/Date			