



MAKIN LABORATORIES PVT. LTD.
Plot no. 48, sector-III, Pithampur, Dist. Dhar-454774 (M.P.)
QUALITY CONTROL DEPARTMENT

Title :- CERTIFICATE OF ANALYSIS -Finished Product

Name of Product	Tam - Tam Family Health Tonic	A.R. No.	FPA2400249
Date of Receipt	18/06/2024	Batch Size	3333 Bottles
Batch No.	ALI24113	Sample qty	04×300 ml
Mfg. Date	06/2024	Exp. Date	05/2027
Date of Release	02/07/2024	Page No.	1 of 1

Sr. No	Test parameter	Observation	Specification
1.	Description	Red colored, viscous flavored syrup filled in transparent bottles and sealed with aluminum caps.	Red colored, viscous flavored syrup filled in transparent bottles and sealed with aluminum caps.
2.	Weight per ml	1.2081 g/ml	1.0000 to 1.3000 g/ml.
3.	pH	5.84	5.00 to 7.00
4.	Filled volume	302.0 ml	Not less than 300.0 ml.
5.	Polyphenols (As Tannins)	0.110 %	Not less than 0.03 %
6.	Identifications		
6.1	For Alkaloids	An orange precipitate is formed.	An orange precipitate or opalescence should be formed.
6.2	For Glycosides	An olive - red color is produced within 1 hour.	An olive - red to yellowish color should be produced within 1 hour.
6.3	For Phenolic Compounds	Gelatinous cloudy precipitate is produced.	Gelatinous cloudy precipitate should be produced.
7.	Microbial Contamination		
7.1	Total aerobic viable count	50CFU/ml	Not more than 10 ⁵ CFU /ml.
7.2	Total yeast and moulds count	Nil	Not more than 10 ⁴ CFU /ml.
7.3	E. coli	Absent /ml	Should be absent /ml.
7.4	Salmonella	Absent / ml	Should be absent /10 ml.

NOTE: Sample **Complies** / **does not comply** as per our in house specification.

02/07/2024
Prepared by / date

26/7/2024
Checked by / date

02/07/2024
Approved by / date