

CERTIFICATE OF ANALYSIS
HERBAL DRY EXTRACT (W.S)

Name of Product	: Aam / Mango	Name of Customer	:
Botanical Name	: <i>Mangifera Indica/ Amba Garbha</i>	Product Code	: AB 1001(1)
Part of Plant Used	: Fruit	HSN CODE	: 1302
CAS No.	: 90063-86-8	IR No.	: ABPL/HRB/000/19-20
Final Extract Ratio	: 3:1	Batch No.	: ABPL/HRB/000/19-20
Preparation Type	: Extraction	COA No.	: ABPL/000/ANA-HRB/000/19-20
Solvent Used for Extraction	: Aqueous/ Hydroalcoholic	Date of Analysis	:
Other Solvent (s) Used in Manufacturing	:	Mfg. Date	:
Standardization	: Tannin, Saponin	Exp. Date / Retest Date	: 2 Years
Carrier / Additives	: Maltodextrin	Application	: Pharmaceuticals, Cosmetics, Nutraceuticals
Excipients Used	:		

Sr. No.	TEST	SPECIFICATION	RESULTS
A	ORGANOLEPTIC CHARACTERISTICS		
1.	Color	Brown colour powder	Complies
2.	Odor	Characteristic	Complies
3.	Taste	Characteristic	Complies
B	PHYSICO-CHEMICAL PARAMTERS		
1.	Identification	By TLC	Positive
2.	Loss on Drying at 105 °C (% w/w)	NMT 5%	complies
3.	Total Ash at 600 °C ± 25 °C (% w/w)	NMT 12 %	complies
4.	Acid Insoluble Ash (% w/w)	NMT 2 %	complies
5.	pH (1 % w/v Aqueous Solutions)	3 - 7	complies
6.	Bulk Density – Tapped (g/ml) Bulk Density – Untapped (g/ml)	0.3 – 0.9g/ml 0.3– 0.7g/ml	Observed Observed
7.	Waters Soluble Extractive (% w/w)	NLT 70 %	complies
8.	Alcohol Soluble Extractive 50 (% w/w)	NLT 70 %	complies
9.	Mesh Size	60 – 80	Pass through
10.	ASSAY OF ACTIVE : Tannin (By Titration) : Saponin (By Gravitimetric)	1 – 3 % 3 – 5%	Complies Complies
C	HEAVY METALS - TOTAL	NMT 20ppm	Complies
1.	Lead	NMT 10 ppm	Complies
2.	Arsenic	NMT 1 ppm	Complies
3.	Cadmium	NMT 0.3 ppm	Complies
4.	Mercury	NMT 1 ppm	Complies
D	MICROBIOLOGICAL ANALYSIS	NMT 20 ppm	Complies
1.	Total aerobic count	NMT 1000 CFU/gm	Complies
2.	Yeast and Moulds	NMT 100 CFU/gm	Complies
3	E. Coli	Absent	Absent
4	Pseudomonas Aeruginosa	Absent	Absent
5	Salmonella	Absent	Absent
6	Staphylococcus Aureus	Absent	Absent



OTHERS	
PACKAGING	Packed in food grade HDPE bags sealed in HDPE 1kg/2kg/5kg/25kg/50kg corrugated containers
STORAGE	Air tight container, protect from heat and moisture
SHELF LIFE	Best before 24 months under the specified storage conditions.
LABELLING	The label displays Product name, Lot number, Net weight, Gross weight, Date of analysis, Manufacturing Date, Expire Date and other Information / marks specified by the customer.
GMO STATEMENT	This product and the raw materials used to produce said product are free from GMO
HANDLING	Wear face shields/goggles and hand gloves while handling.

OPINION OF THE ANALYST: The above material complies with the prescribed standards.

Prepared By

Checked by

Approved by