

### Certificate of Analysis

<b>Product Name:</b>	<b>Mangosteen Peel Extract</b>	<b>Manufacture Date:</b>	<b>2015-Feb.-25</b>
<b>Batch Number:</b>	<b>HM-20150227-MPAM30</b>	<b>Report Date:</b>	<b>2015-Feb.-27</b>
<b>Latin Name:</b>	<b><i>Garcinia mangostana</i></b>	<b>Expire Date:</b>	<b>2017-Feb.-25</b>
<b>CAS#:</b>	<b>6147-11-1</b>	<b>Shelf Life:</b>	<b>2 years</b>
<b>Part Used:</b>	<b>Peel</b>	<b>Quantity:</b>	<b>500kg</b>

ACTIVE INGREDIENTS	SPECIFICATION	METHOD	TEST RESULT
Alpha Mangostin	≥ 30%	HPLC	30.72%

ITEM	SPECIFICATION	METHOD	TEST RESULT
APPEARANCE	BROWN POWDER	ORGANOLEPTIC	BROWN POWDER
ODOR/TASTE	CHARACTERISTIC	ORGANOLEPTIC	CHARACTERISTIC
PARTICLE SIZE	NLT 95% PASS 80 MESH	CP2010	100%
SOLUBILITY	0.1G INTO 100ML	IN HOUSE	SOLUBLE IN ETHONAL
IDENTIFICATION	MORPHOLOGICAL/MICROSCOPIC/ PHYSICAL&CHEMICAL	IN-HOUSE	COMPLIES TO STANDARD
LOSS ON DRYING	≤5%	CP2010	3.12%
ASH	≤10%	CP2010	4.98%
HEAVY METALS	≤10PPM	CP2010	≤10mg/kg
ARSENIC(As)	≤2.0PPM	ICP-MS	COMPLIES
LEAD(Pb)	≤2.0PPM	ICP-MS	COMPLIES
CADMIUM(Cd)	≤1.0PPM	ICP-MS	COMPLIES
MERCURY(Hg)	≤0.1PPM	ICP-MS	COMPLIES
SOLVENTS RESIDUE	USP GUIDELINES	GC-MS	COMPILES TO STANDARD
PESTICIDES RESIDUE	USP GUIDELINES	GC-MS	COMPLIES TO STANDARD
TOTAL PLATE COUNT	≤10000CFU/G	CP2010	COMPLIES
YEAST AND MOLD	≤1000CFU/G	CP2010	COMPLIES
E.COLI	NEGATIVE	CP2010	COMPLIES
SALMONELLA	NEGATIVE	CP2010	COMPLIES
AFLATOXINS	NEGATIVE	CP2010	NEGATIVE
STAPHYLOCOCCUS AUREUS	NEGATIVE	CP2010	NEGATIVE
GMO STATUS	NON-GMO	-	COMPLIES
IRRADIATION STATUS	NON-IRRADIATION	-	COMPLIES

Packing: 25kg/drum, Double plastic bags inside, ID 40cm\*H53cm  
Storage: Cool & Dry place, Keep away from strong light and heat.  
Sterilization method: High temperature sterilization, Non irradiation

**Quality Assurance Director: Xiong Pan**

**Quality Inspector: Ping Wang**

(This certificate is for reference only, the same batch COA will come with the product together.)

