

## Certificate of Analysis

ORIGINAL

Report Date  
Manufacture Date  
Test Date

<b>Product Name</b>	Garcinia Cambogia P.E. 60% HCA	<b>Batch Number</b>	
<b>Latin Name</b>	<i>Garcinia Cambogia</i>	<b>Quantity</b>	
<b>Plant Part Used</b>	Fruit (Dried, 100% Natural)	<b>Country of Origin</b>	P. R. China
<b>Type of Products</b>	Standardized Powder Extract	<b>Type of extraction</b>	Grain Alcohol / water
<b>Herbal Strength</b>	Approx. 25 parts of Fruit to 1 part of Extracts	<b>Active Ingredient Markers</b>	HCA

Analysis Items	Specifications	Results	Test Methods
Identification	Positive	Conforms	TLC
Appearance	Fine Powder	Conforms	Visual
Color	Off-white to light yellow	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Mesh Size	NLT 95% through 80 mesh	Conforms	80 Mesh Screen
Assay	NLT 60% HCA		HPLC
Method of Extraction	Hydro-alcoholic	Conforms	/
Extract Solvent	Grain Alcohol (v/v) / Water	Conforms	/
Moisture Content (5g)	NMT 5.0%		5g / 105C / 2hrs
Ash Content (2g)	NMT 5.0%		2g / 525C / 3hrs
Extract Excipient	None	Conforms	/
Heavy Metals	NMT 10ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 2ppm	Conforms	Atomic Absorption
Cadmium(Cd)	NMT 1ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 2ppm	Conforms	Atomic Absorption
Chlorate (Cl)	NMT 1ppm	Conforms	Atomic Absorption
Phosphate Organics	NMT 1ppm	Conforms	Gas Chromatography
Organics Residues	NMT 1ppm	Conforms	Gas Chromatography
Pesticides Residues	NMT 1ppm	Conforms	Gas Chromatography
Solvent Residues	NMT 0.01%	Conforms	Gas Chromatography
Aflatoxins	NMT 0.2ppb	Absent	HPLC
Sterilization Method	High Temperature & High Pressure for short time (5" – 10")	Conforms	/
Total Plate Count	NMT 1,000cfu/g	Conforms	
Total Yeast & Mold	NMT 100cfu/g	Conforms	
E. Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Staphylococcus	Negative	Conforms	
Packing and Storage	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drums. Store in a well-closed container away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		
Expiration Date			

As stated by our supplier.

CERTIFICATE OF ANALYSIS

Product Name: L-Carnitine

Batch No. : BW2014104S

Manufacturing Date : 20140604

Quantities) : 960KG

Report Date : 20140605

Items	Specifications	Results
Appearance	White fine powder	White fine powder
Particle	100% pass 80 mesh	Conforms
Odor	Characteristic	Conforms
Sulphated Ash	<5.0%	1.1%
Heavy Metals	<10ppm	Conforms
Cd	0.5ppm	Conforms
Lead	1ppm	Conforms
Arsenic	1ppm	Conforms
Hg	Negative	Absent
Specific Rotation	-29—° -32°	-31°
PH	5.5—9.5	7.2
Loss on drying	<2.0%	0.35%
Total Plate Count	<1000cfu/g	203cfu/g
Yeast&Mold	<100cfu/g	46cfu/g
E.Coli	Negative	Absent
S. Aureus	Negative	Absent
Salmonella	Negative	Absent
Assay	98%	99.7%
Conclusion	Conform with specification	
Storage	Store in cool & dry place, Keep away from strong light and heat.	
Packing description	Packed in paper-drums and two plastic-bags inside.	

:  
Analyst

:  
Corrector

:  
Manager of QC. Dept.

**CERTIFICATE OF ANALYSIS**

**L-TYROSINE**

<b>IMP</b> 13486	<b>Batch</b> 111203	<b>Quantity</b> 2000 kg	
<b>Manufactured</b> 10.12.2013		<b>Expires</b> 09.12.2017	
<b>PHARMACOPOEA</b>	USP34	<b>BTN</b>	2922 50 00
<b>FORMULA</b>	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>	<b>CAS</b>	60-18-4
<b>MOL.WEIGHT</b>	181.19	<b>EINECS</b>	200-460-4
		<b>FEMA</b>	3736
	STANDARD	RESULT	
<b>DESCRIPTION</b>	White crystals or crystalline powder	Conforms	
<b>IDENTIFICATION</b>	Infrared absorption spectrum	Conforms	
<b>SPECIFIC ROTATION</b>	-9.8° to -11.2°	-10.3°	
<b>LOSS ON DRYING</b>	≤ 0.3%	0.15%	
<b>RESIDUE ON IGNITION</b>	≤ 0.4%	0.07%	
<b>CHLORIDE</b>	≤ 0.04%	<0.15%	
<b>SULPHATE</b>	≤ 0.04%	<0.14%	
<b>IRON</b>	≤0.003%	<0.0007%	
<b>HEAVY METALS</b>	≤0.0015%	<0.0007%	
<b>ORGANIC VOLATILE IMPURITIES</b>	Meets the requirements	Conforms	
<b>CHROMATOGRAPHIC PURITY</b>	Meets the requirements	Conforms	
<b>TOTAL IMPURITIES</b>	≤2.0%	Conforms	
<b>INDIVIDUAL IMPURITY</b>	≤0.5%	Conforms	
<b>ASSAY</b>	98.5% to 101.5%	99.50%	
<b>TOTAL PLATE COUNT</b>	≤1000cfu/g	Conforms	
<b>YEAST</b>	≤100cfu/g	Conforms	
<b>MOULD</b>	≤100cfu/g	Conforms	
<b>E COLI</b>	Negative	Conforms	
<b>SALMONELLA</b>	Negative	Conforms	
<b>STAPHYLOCOCCUS AUREUS</b>	Negative/10g	Conforms	
<b>PARTICLE SIZE</b>	12 mesh	Conforms	

THE ABOVE SPECIFICATION AS RECEIVED FROM OUR SUPPLIER



As stated by our supplier.

# Certificate of Analysis

ORIGINAL

Report Date Apr 09, 2014.  
Manufacture Date Apr 07, 2014.  
Test Date Apr 09, 2014.

<b>Product Name</b>	Green Tea Extract	<b>Batch Number</b>	GTE-20140407
<b>Latin Name</b>	<i>Camellia sinensis O. Ktze.</i>	<b>Quantity</b>	200kgs
<b>Plant Part Used</b>	Leaf (Dried, 100% Natural)	<b>Country of Origin</b>	P. R. China
<b>Type of Products</b>	Standardized Powder Extract	<b>Type of extraction</b>	Water

Analysis Items	Specifications	Results	Test Methods
<b>Identification</b>	Positive	Conforms	TLC
<b>Appearance</b>	Fine Powder	Conforms	Visual
<b>Color</b>	Yellow	Conforms	Visual
<b>Odor</b>	Characteristic	Conforms	Organoleptic
<b>Taste</b>	Characteristic	Conforms	Organoleptic
<b>Mesh Size</b>	NLT 95% through 80 mesh	Conforms	80 Mesh Screen
<b>Assay</b>	NLT 10% Caffeine	10.25	HPLC
<b>Moisture Content (5g)</b>	NMT 5.0%	4.31%	GB/T 5009.3-2003
<b>Ash Content (2g)</b>	NMT 5.0%	1.20%	GB/T5009.4-1985
<b>Heavy Metals</b>	NMT 10ppm	Conforms	GB/T 5009-2003
<b>Arsenic (As)</b>	NMT 2ppm	Conforms	GB/T 5009.12-2003
<b>Lead (Pb)</b>	NMT 2ppm	Conforms	GB/T 5009.11-2003
<b>Total Plate Count</b>	NMT 10,000cfu/g	Conforms	GB/T 4789.2-2003
<b>Total Yeast &amp; Mold</b>	NMT 1,000cfu/g	Conforms	GB/T 4789.15-2003
<b>E. Coli</b>	Negative	Conforms	GB/T 4789.3
<b>Salmonella</b>	Negative	Conforms	GB/T 4789.4-2003
<b>Packing and Storage</b>	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drums. Store in a well-closed container away from moisture.		
<b>Shelf Life</b>	2 years if sealed and store away from direct sun light.		
<b>Expiration Date</b>	Apr 07, 2016		

# Certificate of Analysis

ORIGINAL

Report Date Sep 09, 2014.  
Manufacture Date Sep 07, 2014.  
Test Date Sep 09, 2014.

<b>Product Name</b>	Citrus aurantium Extract	<b>Batch Number</b>	CAE-20140907
<b>Latin Name</b>	<i>Citrus aurantium</i> L.	<b>Quantity</b>	100kgs
<b>Plant Part Used</b>	Fruit (Dried, 100% Natural)	<b>Country of Origin</b>	P. R. China
<b>Type of Products</b>	Standardized Powder Extract	<b>Type of extraction</b>	Solvent extraction

Analysis Items	Specifications	Results	Test Methods
<b>Identification</b>	Positive	Conforms	TLC
<b>Appearance</b>	Fine Powder	Conforms	Visual
<b>Color</b>	Yellowish brown	Conforms	Visual
<b>Odor</b>	Characteristic	Conforms	Organoleptic
<b>Taste</b>	Characteristic	Conforms	Organoleptic
<b>Mesh Size</b>	NLT 95% through 80 mesh	Conforms	80 Mesh Screen
<b>Assay</b>	NLT 6% Synphrine	6.55	HPLC
<b>Moisture Content (5g)</b>	NMT 5.0%	3.90%	GB/T 5009.3-2003
<b>Ash Content (2g)</b>	NMT 5.0%	1.80%	GB/T5009.4-1985
<b>Heavy Metals</b>	NMT 10ppm	Conforms	GB/T 5009-2003
<b>Arsenic (As)</b>	NMT 2ppm	Conforms	GB/T 5009.12-2003
<b>Lead (Pb)</b>	NMT 2ppm	Conforms	GB/T 5009.11-2003
<b>Total Plate Count</b>	NMT 10,000cfu/g	Conforms	GB/T 4789.2-2003
<b>Total Yeast &amp; Mold</b>	NMT 1,000cfu/g	Conforms	GB/T 4789.15-2003
<b>E. Coli</b>	Negative	Conforms	GB/T 4789.3
<b>Salmonella</b>	Negative	Conforms	GB/T 4789.4-2003
<b>Packing and Storage</b>	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drums. Store in a well-closed container away from moisture.		
<b>Shelf Life</b>	2 years if sealed and store away from direct sun light.		
<b>Expiration Date</b>	Sep 07, 2016		

## Certificate of Analysis

ORIGINAL

Report Date	Dec 12, 2012.
Manufacture Date	Dec 09, 2012.
Test Date	Dec 12, 2012.

<b>Product Name</b>	Chromium Picolinate	<b>Batch Number</b>	CHP-121209
<b>CAS number</b>	14639-25-9	<b>Mol. mass</b>	418.3
<b>Mol. Formula</b>	C18H12CrN3O6	<b>Country of Origin</b>	P. R. China
<b>Executive Criterion</b>	USP34		

Analysis Items	Specifications	Results	Test Methods
<b>Identification</b>	Positive	Conforms	USP34
<b>Appearance</b>	Fine Powder	Conforms	Visual
<b>Color</b>	Purple-red	Conforms	Visual
<b>Odor</b>	Characteristic	Conforms	Organoleptic
<b>Taste</b>	Characteristic	Conforms	Organoleptic
<b>Mesh Size</b>	NLT 95% through 80 mesh	Conforms	80 Mesh Screen
<b>Assay</b>	[Cr(C <sub>6</sub> H <sub>4</sub> NO <sub>2</sub> ) <sub>3</sub> dry] 98.0~102.0	99.1%	HPLC
<b>Chromium[Cr]</b>	8.26-12.96	10,98	HPLC
<b>Chloride[Cl]</b>	NMT 0.06%	0.004%	/
<b>Sulfate(SO<sub>4</sub>)%</b>	NMT 0.2%	0.002%	/
<b>Moisture Content (5g)</b>	NMT 4.0%	0.5%	5g / 105C / 2hrs
<b>Extract Excipient</b>	None	Conforms	/
<b>Heavy Metals</b>	NMT 0.001%	0.0004%	Atomic Absorption
<b>Arsenic (As)</b>	NMT 0.0005%	0.00005%	Atomic Absorption
<b>Sterilization Method</b>	High Temperature & High Pressure for short time (5" – 10")	Conforms	/
<b>Total Plate Count</b>	NMT 1,000cfu/g	Conforms	
<b>Total Yeast &amp; Mold</b>	NMT 100cfu/g	Conforms	
<b>E. Coli</b>	Negative	Conforms	
<b>Salmonella</b>	Negative	Conforms	
<b>Staphylococcus</b>	Negative	Conforms	
<b>Packing and Storage</b>	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drums. Store in a well-closed container away from moisture.		
<b>Conclusion</b>	Qualified, Conform to USP30		
<b>Shelf Life</b>	4 years if sealed and store away from direct sun light.		
<b>Expiration Date</b>	Oct 23, 2014		

<b>MANUFACTURER</b>	
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*This C of A format refer to 1999 National Nutrition Foods Association -- USA*

## Certificate of Analysis

*ORIGINAL*

Report Date Aug 24, 2014.  
Manufacture Date Aug 23, 2014.  
Test Date Aug 24, 2014.

<b>Product Name</b>	Cayene Pepper Powder	<b>Batch Number</b>	CPP-20140823
<b>Latin Name</b>	Capsicum annum	<b>Quantity</b>	100kgs
<b>Plant Part Used</b>	Fruit (Dried, 100% Natural)	<b>Country of Origin</b>	P. R. China
<b>Type of Products</b>	Botanical Powder	<b>Type of extraction</b>	/

<b>Analysis Items</b>	<b>Specifications</b>	<b>Results</b>	<b>Test Methods</b>
<b>Identification</b>	Positive	Conforms	TLC
<b>Appearance</b>	Fine Powder	Conforms	Visual
<b>Color</b>	Red	Conforms	Visual
<b>Odor</b>	Characteristic	Conforms	Organoleptic
<b>Taste</b>	Characteristic	Conforms	Organoleptic
<b>Mesh Size</b>	NLT 95% through 80 mesh	Conforms	80 Mesh Screen
<b>Moisture Content (5g)</b>	NMT 10.0%	4.50%	GB/T 5009.3-2003
<b>Ash Content (2g)</b>	NMT 8.0%	4.30%	GB/T5009.4-1985
<b>Heavy Metals</b>	NMT 10ppm	Conforms	GB/T 5009-2003
<b>Arsenic (As)</b>	NMT 2ppm	Conforms	GB/T 5009.12-2003
<b>Lead (Pb)</b>	NMT 2ppm	Conforms	GB/T 5009.11-2003
<b>Total Plate Count</b>	NMT 10,000cfu/g	Conforms	GB/T 4789.2-2003
<b>Total Yeast &amp; Mold</b>	NMT 1,000cfu/g	Conforms	GB/T 4789.15-2003
<b>E. Coli</b>	Negative	Conforms	GB/T 4789.3
<b>Salmonella</b>	Negative	Conforms	GB/T 4789.4-2003
<b>Packing and Storage</b>	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kgs/drums. Store in a well-closed container away from moisture.		
<b>Shelf Life</b>	2 years if sealed and store away from direct sun light.		
<b>Expiration Date</b>	Aug 23, 2016		