



## CERTIFICATE OF ANALYSIS

**Product:** **Garcinia Cambogia Extract**  
**Batch No:** **GCE/170710**  
**Date of Manufacture:** **July – 2017**  
**Date of Expiry:** **June– 2022**

PLANT SPECIES /SOURCE	<i>Garcinia cambogia</i> / Fruits	
Description	Pale brown powder, characteristic odor	
Identification	Complies By IR Spectrum	
Solubility	Slightly soluble in hot water & insoluble in alcohol	
pH	9.81	(Limit: Between 6.0 to 10.0)
Loss on Drying	4.51%	(Limit: Not more than 6.0%)
Acid insoluble substances	1.55%	(Limit: Not more than 3.0%)
Heavy Metals	<10 ppm	(Limit: Not more than 20ppm)
Arsenic	<0.1 ppm	(Limit: Not more than 1ppm)
Lead	0.6 ppm	(Limit: Not more than 10ppm)
Bulk Density tapped	0.56g/ml	(Limit: Between 0.50 and 0.65 g/ml)
Loose Bulk Density	0.34 g/ml	(Limit: Between 0.30 and 0.50 g/ml)
Sieve test passes through		
- 60 mesh	100.00%	(Limit: Not less than 100.0%)
Assay by HPLC		
- Content of Hydroxycitric acid	58.11%	(Limit: Not less than 50.0 %)
- Content of Calcium by titration	18.96%	(Limit: Not less than 18.0 %)
Total Microbial Count	<500 cfu/g	(Limit: Not more than 3000 cfu/g)
Yeast & Mold Count	10 cfu/g	(Limit: Not more than 100 cfu/g)
E.Coli & Coliforms	Absent	(Limit: To be Absent)
Salmonella	Absent	(Limit: To be Absent)
Staphylococcus Aureus	Absent	(Limit: To be Absent)
Pseudomonas aeruginosa	Absent	(Limit: To be Absent)

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