





 <b>JAIRAMDASS</b> <b>KHUSHIRAM</b> <small>SINCE 1875</small>	<b>S.A. HERBAL BIOACTIVES LLP</b>		
	<b>Finished Product Specification</b> <b>Product Name: Garcinia Dry Extract</b> <b>Botanical Name: <i>Garcinia cambogia</i></b>		
<b>Document No.</b>	SAH/QCD/F/FGS/GHH/89	<b>Date of issue</b>	03/02/2023
<b>Effective date</b>	04/02/2023	<b>Next revision due date</b>	02/02/2026
<b>Supersedes</b>	SAH/QCD/F/FGS/002	<b>Version No.</b>	02
<b>Part Used</b>	Fruits Rind		

Sr. No	Test Parameter	Reference	Specification
<b>1.0</b>	<b>Description</b>		
1.1	Appearance	Organoleptic (SAH/SOP/QCD/OL/FG/00)	Off-white to cream colour powder
1.2	Odor		Characteristic
1.3	Taste		Characteristic
<b>2.0</b>	<b>Analytical Data</b>		
2.1	Identification (By HPLC)	SAH/MOA/QCD/HPLC/HCA/31	Presence of HCA -Positive
2.2	Loss on drying (at 105 °C)	IP 2014 (SAH/STP/QCD/LOD/01)	NMT 5.0%
2.3	Bulk density (gm/ml)	IP 2014 (SAH/STP/QCD/BDTD/06)	NLT 0.25gm/ml
2.4	Tapped density (gm/ml)	IP 2014 (SAH/STP/QCD/BDTD/06)	NLT 0.30gm/ml
2.5	Particle size	Dry Sieve analysis (SAH/STP/QCD/PS/07)	NLT 95.0% Passing through 40mesh
2.6	pH (1% w/v solution)	IH (SAH/STP/QCD/PH/02)	5.0 to 11.0
<b>3.0</b>	<b>% Assay (On a dried basis)</b>		
3.1	HCA by USP Std. (By HPLC)	SAH/MOA/QCD/HPLC/HCA/31	NLT 60.0%
<b>4.0</b>	<b>Heavy Metals</b>		
4.1	Lead	ICP-MS (By NABL-approved external laboratory)	NMT 2.0 ppm
4.2	Arsenic		NMT 1.1 ppm
4.3	Cadmium		NMT 0.3 ppm
4.4	Mercury		NMT 0.1 ppm
<b>5.0</b>	<b>Residual Solvents</b>		
5.1	Residual Solvents	SAHB/GC-HS/RS/00	Complies as per EU regulations
<b>6.0</b>	<b>Pesticides</b>		
6.1	Total Pesticides	GC-MS (By NABL-approved external laboratory)	Complies as per EU regulations

	Prepared by	Checked by	Approved by
<b>Name</b>	Mr. Ram Prajapati	Mrs. Ranjana Kobal	Mr. Vijay Baghel
<b>Designation</b>	QC Executive	QC Head	QA Head
<b>Signature</b>			

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<b>7.0</b>	<b>Ethylene Oxide (ETO)</b>		
7.1	Ethyleneoxide	GC-MS/MS (By NABL-approved external laboratory)	NMT 0.1ppm
<b>8.0</b>	<b>Pyrrolizidine Alkaloids (PA)</b>		
8.1	Pyrrolizidine alkaloids	LC-MS/MS (By NABL-approved external laboratory)	Complies as per EU regulations
<b>9.0</b>	<b>Microbiological Enumeration</b>		
9.1	Total aerobic microbial Count	SAH/SOP/QCD/MIC/MLTTPC/11 (USP)	NMT 1000 cfu/gm
9.2	Total yeasts & molds count	SAH/SOP/QCD/MIC/MLTYMC/17 (USP)	NMT 100 cfu/gm
<b>9.3</b>	<b>Pathogens</b>		
9.3.1	Escherichia coli	SAH/SOP/QCD/MIC/MLTE/13 (USP)	Absent/gm
9.3.2	Salmonella	SAH/SOP/QCD/MIC/MLTS/16 (USP)	Absent/10gm

<b>Storage Condition</b>	Store in a cool and dry place away from direct sunlight, heat & moisture.
<b>Shelf life</b>	Three years in original packed conditions from the date of manufacturing.
<b>Packaging</b>	25 Kg Suitable for foodstuff packed in double poly bags unless otherwise required by the customer.
<b>Declaration</b>	The product is neither derived from GMO nor any kind of GMO ingredients used in the manufacturing process.
	The product is not subjected to radiation and doesn't consist of, or contain allergen products.
	The product is fit for human consumption.

**Revision History:**

Version No.	Effective Date	Reason for Revision
02	04/02/2023	New format adopted.

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