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|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------|
|  | JK BOTANICALS PRIVATE LIMITED                                                                                             |                        |  |
|                                                                                  | Finished Product Specification<br>Product Name: Garcinia Cambogia Dry Extract<br>Botanical Name: <i>Garcinia cambogia</i> |                        |                                                                                    |
| Document No.                                                                     | SAH/QCD/F/FGS/GHH/89                                                                                                      | Date of issue          | 03/02/2023                                                                         |
| Effective date                                                                   | 04/02/2023                                                                                                                | Next revision due date | 02/02/2026                                                                         |
| Supersedes                                                                       | SAH/QCD/F/FGS/002                                                                                                         | Version No.            | 02                                                                                 |
| Part Used                                                                        | Fruits Rind                                                                                                               |                        |                                                                                    |

| Sr. No | Test Parameter                | Reference                                        | Specification                    |
|--------|-------------------------------|--------------------------------------------------|----------------------------------|
| 1.0    | Description                   |                                                  |                                  |
| 1.1    | Appearance                    | Organoleptic<br>(SAH/SOP/QCD/OL/FG/00)           | Off-white to cream colour powder |
| 1.2    | Odor                          |                                                  | Characteristic                   |
| 1.3    | Taste                         |                                                  | Characteristic                   |
| 2.0    | Analytical Data               |                                                  |                                  |
| 2.1    | Identification<br>(By HPLC)   | SAH/MOA/QCD/HPLC/HCA/31                          | Presence of HCA -Positive        |
| 2.2    | Loss on drying<br>(at 105 °C) | IP 2014 (SAH/STP/QCD/LOD/01)                     | NMT 5.0%                         |
| 2.3    | Bulk density<br>(gm/ml)       | IP 2014<br>(SAH/STP/QCD/BDTD/06)                 | NLT 0.25gm/ml                    |
| 2.4    | Tapped density<br>(gm/ml)     | IP 2014<br>(SAH/STP/QCD/BDTD/06)                 | NLT 0.30gm/ml                    |
| 2.5    | Particle size                 | Dry Sieve analysis<br>(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                      |
| 3.0    | % Assay (On a dried basis)    |                                                  |                                  |
| 3.1    | HCAbyUSPStd.<br>(By HPLC)     | SAH/MOA/QCD/HPLC/HCA/31                          | NLT 60.0%                        |
| 4.0    | Heavy Metals                  |                                                  |                                  |
| 4.1    | Lead                          | ICP-MS<br>(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                      |
| 5.0    | Microbiological Enumeration   |                                                  |                                  |
| 5.1    | Total aerobic microbial Count | SAH/SOP/QCD/MIC/MLTTPC/11 (USP)                  | NMT 1000 cfu/gm                  |
| 5.2    | Total yeasts & molds count    | SAH/SOP/QCD/MIC/MLTYMC/17 (USP)                  | NMT 100 cfu/gm                   |

|                    |                                                                                     |                                                                                      |                                                                                       |
|--------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                    | <b>Prepared by</b>                                                                  | <b>Checked by</b>                                                                    | <b>Approved by</b>                                                                    |
| <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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| Document No.                                                                     | SAH/QCD/F/FGS/GHH/89                                                                                                      | Date of issue          | 03/02/2023                                                                         |
| Effective date                                                                   | 04/02/2023                                                                                                                | Next revision due date | 02/02/2026                                                                         |
| Supersedes                                                                       | SAH/QCD/F/FGS/002                                                                                                         | Version No.            | 02                                                                                 |
| Part Used                                                                        | Fruits Rind                                                                                                               |                        |                                                                                    |

|            |                  |                               |             |
|------------|------------------|-------------------------------|-------------|
| <b>5.3</b> | <b>Pathogens</b> |                               |             |
| 5.3.1      | Escherichia coli | SAH/SOP/QCD/MIC/MLTE/13 (USP) | Absent/gm   |
| 5.3.2      | 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. |

**END OF DOCUMENT**

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