



Certificate No: CPCB-UPC-II/BIO GREEN SOLUTIONS/
Tamil Nadu/559

Dated: 21.04.2025

To,

M/s Bio Green Solutions
Plot No.23, Kalyani Estate, Athipattu,
Chennai- 600058

Sub: Certificate to manufacturer for Manufacturing / Selling of Compostable Plastic & Carry Bags.

With reference to the application no. **BIO GREEN SOLUTIONS/Tamil Nadu/559** dated **16 Apr 2025** this is to certify that **M/s BIO GREEN SOLUTIONS** plant located at **PLOT NO.23, KALYANI ESTATE, ATHIPATTU, CHENNAI- 600058** is fulfilling the criteria as per revised Standard Operating Procedure (SOP) for issuing certificate as per the provisions '4(h)' & '11(c)' of Plastic Waste Management Rules, 2018, for manufacturing and selling of compostable carry bags in Indian Market as '**MANUFACTURER**'.

Certificate for manufacturing and selling of compostable plastic bags and commodities in Indian market is hereby issued to **M/s BIO GREEN SOLUTIONS** plant located at **PLOT NO.23, KALYANI ESTATE, ATHIPATTU, CHENNAI- 600058** as '**MANUFACTURER**' with the following conditions:

- The end product "**Compostable plastics**" shall be manufactured using the raw materials "**PLA, PBAT, Other**" and following the production process (**Annexure I**).
- Each carrybag and commodities made from compostable material or plastic shall bear a label "**COMPOSTABLE**" **IS/ISO:17088** titled as Specifications for "Compostable Plastic" in **English & regional language**. Each carrybag and commodities shall also have printed code and Certificate Number of "**MANUFACTURER**".
- The manufacturer shall generate QR code based on the details (Name, plant address, CPCB certificate no. etc.) provided in the certificate issued by CPCB and QR code shall be provided on each of the carry bag and commodities manufactured at the certified unit. The "verifiable" details of the QR code shall be shared with the SPCB/PCC/CPCB within one month of issue of this Certificate.
- This certificate issued by CPCB shall not require renewal. However, a fresh application shall be filed with CPCB for grant of certificate, in case there is any change in raw material/ production process or product.

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‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली - 110032.
Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

दूरभाष / Tel : 43102030, 22305792, वेबसाइट / Website: www.cpcb.nic.in

- v. The Manufacturer shall provide six-monthly report giving details of raw material procurement and product sale to SPCB/PCC/CPCB as per the prescribed format.
- vi. The "Manufacturer" shall comply with provisions of PWM Rules / Guidelines issued from time to time by the Ministry of Environment, Forest & Climate Change or Central Pollution Control Board.
- vii. If the certified Manufacturer is found non-complying with the provisions of the PWM Rules, 2018, the Certificate shall stand cancelled



(Divya Sinha)

Director & I/c UPC-II

Divya Sinha / Divya Sinha
वैज्ञानिक 'एफ' / Scientist 'F'
केंद्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(Mo Environment, Forest & Climate Change, Govt. of India)
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Bhawan, East Arjun Nagar, Delhi-110032

BIO GREEN SOLUTIONS

PLOT NO.23, KALYANI ESTATE, ATHIPATTU, CHENNAI 600 058

MANUFACTURING PROCESS

We are the manufacturers of Compostable Bags for retails industry, consumer product companies and waste collection needs.

RAW MATERIAL

The raw materials involved in the manufacturing process are Compostable Blend of Poly Lactic Acid (PLA) and Poly Butylene Adipate co-terephthalate (PBAT).

EXTRUDER MACHINE (FILM BLOWING PLANT & PRINTING PROCESS

In the first step compostable granules are feeded into the film blowing extruder machine to produce film rolls with online printing. (Details of Registration number printed on roll).

CUTTING & SEALING

In this process the film rolls are sealed and cut according to required sizes for D cut and W cut.

PUNCHING

In this process after cutting and sealing the bags are punched for handles according to different shapes (D cut & W cut).

PACKING & DISPATCH

In this final step the bags are packed in per/kg and then packed into 30 kgs bundle packed and dispatched to our clients.

RECYCLE/GRANULE EXTRUSION

The punch & film waste that is generated from process is converted in granule extrusion machine and it is reused in the subsequent batches for the production process.

Divya Sinha / Divya Sinha
वैज्ञानिक 'एक' / Scientist 'F'
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For BIO GREEN SOLUTIONS

Partner