केंद्रीय पेट्रोरसायन अभियांत्रिकी एवं
प्रौद्योगिकी संस्थान (सिपेट)
(पूर्व में सेन्ट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी)
इंस्टिट्यूट ऑफ पेट्रोकेमिकल्स टेक्नोलॉजी (आई.पी.टी.)
रसायन एवं पेट्रोरसायन विभाग
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सिपेट CIPET

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INTERIM REPORT

CIPET/Kochi-IR//TR. No. 261628 **Date: 06.10.2026**

Name & Address of the Party: **M/s. Satibha Industries Pvt Ltd**
Plot No. 111, Pocket-O, Sector-1
Bawana Industrial Area, Delhi -110039

Sample Details : **Compostable Film (as declared by the party)**
Date of receipt of sample : **26.05.2026**
Date(s) of performance of test : **01.06.2026 to 05.10.2026**
Unique Sample ID : **KOC260FS198**

Sl. No.	Property	Test method / Standard	Unit	Results obtained	Specified Requirements as per IS/ ISO 17088:2021
1.	Material Identification	FTIR / DSC	--	Poly(lactic acid) (PLA) and Poly(butylene adipate-co-terephthalate) (PBAT)	--
2.	Disintegration (Dry mass remains in 2mm sieve after 84 days)	ISO 20200:2015	%	8.74	Not more than 10% of its original dry mass
3.	Ultimate Aerobic Biodegradation (with reference to 100% degradation of positive reference)	ISO 14855 -1:2012	%	91.29 (At the end of 127 days)	> 90% (At the end of the test period not more than 180 days)

Comments: The submitted sample of Compostable Film (as stated by the party) complies to the requirements of Cl. 6.2 & 6.3 of IS/ISO 17088-2021

Note:

1. The submitted sample is exposed under controlled compost condition as per ISO 14855-1 and at the end of 127 days, the cumulative biodegradation is estimated as 91.29% with reference to the degradation of the cellulose (positive reference).
2. The following tests are under progress as per the standard IS/ISO 17088-2021
   a. Plant growth test as per Cl. No. 6.4.3.
   b. Earthworm toxicity test as per Cl. 6.4.4 and 6.4.5.
   c. Heavy metal analysis as per Cl. No. 6.5.2.
3. The Test report will be issued after the completion of all the tests.
4. The interim report is only valid till the issue of Test Report.
5. Details of test subcontracted –Nil

Reviewed by

(Dr. K.P. Bhuvana)
Technical Manager

(Dr. S. Anbudayanidhi)
Quality Manager
Authorized Signatory

*****End of the Report*****

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