

**सिपेट : पेट्रोकेमिकल्स तकनीकी
संस्थान (आई.पी. टी.)**

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)

रसायन एवं पेट्रो-रसायन विभाग

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

प्लॉट नं. 630, फेज 4, जी.आई.डी.सी., वटवा, अहमदाबाद-382445.

दूरभाष : (079) 40103900-902, फैक्स : (079)-40083905

ईमेल : cipetahmd@gmail.com, ahmedabad@cipet.gov.in

वेबसाइट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032



**CIPET : INSTITUTE OF PETROCHEMICALS
TECHNOLOGY (IPT)**

(Formerly Central Institute of Plastics Engineering & Technology)

Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers, Govt. of India

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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

28935

श्रृंखला : डी / Series : D

परीक्षण रिपोर्ट / TEST REPORT

क्र.सं / S.L. No.

को जारी / Issued to : **Cognoscent Sustainability Private Limited**

E/201, Dev Paradise,

Chandkheda,

Ahmedabad – 382 424

रिपोर्ट सं / Test Report No : **1467**

दिनांक / Dated : **29.07.2025**

संदर्भ / Your Ref. No. : **Letter**

दिनांक / Dated : **02.07.2025**

मानक के अनुसार टेस्ट रिपोर्ट

Test Report as per Standard :

As per part C

PART A

PARTICULARS OF SAMPLE SUBMITTED

- | | | |
|--|---|-----------------------------------|
| a) Name of Sample (as stated by party) | : | 1) PLA Transparent Bottles |
| | : | 2) PLA Caps |
| b) Grade / variety / type / size / class | : | NA |
| c) Declared value, if any | : | NA |
| d) Code No. | : | NA |
| e) Batch No. and Date of Manufacture | : | NA |
| f) Quantity | : | 10 Nos of each samples |
| g) Mode of Packing | : | Packed in bag |
| h) Date of Receipt | : | 02.07.2025 |
| i) Date of Starting | : | 03.07.2025 |
| j) Date of Completion | : | 28.07.2025 |
| k) Sealed or not | : | NA |
| l) Any other information | : | NA |

PART B

SUPPLEMENTARY INFORMATION

- | | | |
|---|---|-------------------------------|
| a) Reference to sampling procedure | : | Samples Supplied by the Party |
| b) Supporting documents for the measurement taken and result derived | : | As per Part C |
| c) Deviation from the test method as prescribed in relevant work Instructions, if any | : | Not Applicable |

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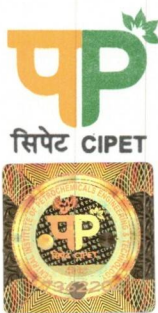
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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

- 1) PLA Transparent Bottles
- 2) PLA Caps

Test Report No.: 1467
Dated : 29.07.2025

**PART C
TEST RESULTS**

Sr. No.	Test	Test Method	Unit	Results Obtained
	PLA Transparent Bottles			
1	Material Identification	ASTM D 3418/ ASTM E 1252 IDC by Braun	---	Poly Lactic Acid (PLA)
2	Over all Migration Test 40°C Temperature, 10 days in distilled Water	IS 9845	mg/ltr mg/dm ²	1.5 0.15
	PLA Caps			
1	Material Identification	ASTM D 3418/ ASTM E 1252 IDC by Braun	---	Blend of Poly Lactic Acid (PLA) & Poly Butylene Adipate Co- Terephthalate (PBAT)

Note : i) Statement of Conformity & Decision Rule (if any) : NA

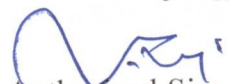
ii) Opinion & Interpretation : NA

PART D

REMARKS : Nil

NOTE

- 1 The results related only to the items tested
- 2 The report shall not be reproduced in full/part without written approval of the laboratory
- 3 This Test Report/Certificate is issued only for the samples submitted to CIPET.
- 4 The results stated above related only to the items tested.
- 5 The quality of the subsequent production lot has to be ensured by the purchaser.


Authorised Signatory


Authorised Signatory
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