

केंद्रीय पेट्रोसायन अभियांत्रिकी एवं
प्रौद्योगिकी संस्थान (सिपेट)

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)
रसायन एवं पेट्रोसायन विभाग
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
एडयाररोड, एलूर, उद्योगमंडल, कोच्ची, एरनाकुलम
केरल, भारत -683501
फोन. : +91-484-2547741
ईमेल : kochi@cipet.gov.in
वेबसाइट : www.cipet.gov.in



Central Institute of Petrochemicals
Engineering & Technology (CIPET)

(Formerly Central Institute of Plastics Engineering & Technology)
Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers, Govt. of India
Edayar Road, Eloor, Udyogamandal P.O Kochi
Ernakulam Kerala - 683501
Phone No. : +91-484-2547741
Email : kochi@cipet.gov.in
Website: www.cipet.gov.in

TEST CERTIFICATE

Issued to: Dhanvika Biodegradable Products
Dhanvika Biodegradable Products, Kaniyanchal,
Karuvanchal (PO), Building No-2/84/B, Kannur,
Kannur, Kerala, India, 670571



TEST REPORT NO : 26768

Dated : 02.07.2026

Your Ref. No & Date : Ref Mail dated 17.02.2026

Test Report

PART-A

PARTICULARS OF SAMPLE SUBMITTED BY PARTY

a) Name of Sample	: Biodegradable bag
b) Grade/Variety/Type/Size/Class	: Nil
c) Declared Value, if any	: Nil
d) Code No.	: Nil
e) Batch No. and Date of Manufacturing	: Nil / Nil
f) Quantity	: 20 Number
g) Mode of Packing	: Packed
h) Sealed or not	: Not Sealed
i) Date of Receipt	: 08.06.2026
j) Date of Completion	: 02.07.2026
k) Any other information	: -

PART-B

SUPPLEMENTARY INFORMATION

Reference to sampling procedure the party : Not Applicable

Supporting documents for the measurement taken and result derived : Not Applicable

Deviation from the test method as prescribed in relevant work instruction if any : Not Applicable

Signature valid

Digitally signed by
K.P. Bhuvana
O: CIPET, IPT, Kochi
Date: 2026.07.02 13:15:57

Signature valid

Digitally signed by
Anbudayanidhi Sivalingam
O: CIPET, IPT, Kochi
Date: 2026.07.02 13:35:43

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PART-C
TEST RESULTS

Sample: Biodegradable bag

S. No.	Clause	Name of Test	Test Method	Unit	Specified Requirements	Test Value Obtained
1.	—	Specific migration of Barium				
		Specific migration of Barium (In 3% Acetic Acid 10 days at 40 Deg C)	IS 13428 (Annex F)	mg/kg	Max 1	0.0109
		Specific migration of Cobalt (In 3% Acetic Acid 10 days at 40 Deg C)	AAS	mg/kg	Max 0.05	0.0097

PART-D

Remarks : Nil

Note : 1. This Test Report is issued only for the samples submitted to CIPET.

2. The results stated above related only to the items tested.
3. The quality of the subsequent production lot has to be ensured by the purchaser.
4. The report full or part shall not be reproduced, published, advertised and used for any legal action without written approval from the laboratory.
5. Tested sample will be disposed-off after 90 days from the date of test.
6. Details of tests subcontracted: Barium Content
7. Conformity statement: It is based on the limiting values of the product specification without considering measurement of uncertainty - Nil

Signature valid

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Signature valid

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Dated : 02.07.2026

Your Ref. No & Date : Ref Mail dated 17.02.2026

Technical Manager
Dr. K.P. Bhuvana

Reviewed By

Dr. S. Anbudayanidhi
Authorized Signatory

Authorized By

End of the Report

Signature valid

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Date: 2026.07.02 13:15:57

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