



ULR-TC629326100001808F

## TEST REPORT

Report No. GR: HL:1752002035

ISSUE DATE: 14-Jul-2026



## HI TECH INTERNATIONAL

RAMGARH SAHNEWAL AIRPORT ROAD,  
RAMGARH, SAHNEWAL, LUDHIANA – 141123  
INDIA

CONTACT PERSON: SIDHARTH SAREEN

## THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

|                           |                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>SAMPLE DESCRIPTION</b> | DR. BIO BAGS                                                                                                                        |
| <b>COLOUR</b>             | TRANSPARENT                                                                                                                         |
| <b>END USE</b>            | IT IS A FOOD – GRADE, LEAK – PROOF BAG FOR PACKING CHICKEN WITH MARINADE, ENSURING SAFE STORAGE, FRESHNESS, AND EASY TRANSPORTATION |
| <b>COUNTRY OF ORIGIN</b>  | INDIA                                                                                                                               |

## LAB PROVIDED DETAILS:

|                            |                                  |
|----------------------------|----------------------------------|
| <b>DISCIPLINE</b>          | CHEMICAL                         |
| <b>GROUP</b>               | HAZARDOUS & RESTRICTED CHEMICALS |
| <b>CONDITION OF SAMPLE</b> | COMPLETE AND OK                  |

THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS GURUGRAM LABORATORY

SAMPLE RECD ON 01-Jul-2026 TESTING PERIOD: 01-Jul-2026 - 14-Jul-2026

## SUMMARY OF TEST RESULT:

| TESTS                                                                                                                                                                      | PASS | FAIL | REMARKS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------|
| 1. SPECIFIC MIGRATION OF HEAVY METALS                                                                                                                                      | P    |      |         |
| 2. DETERMINATION OF OVERALL MIGRATION OF CONSTITUENTS OF PLASTIC MATERIALS AND ARTICLES INTENDED TO COME IN CONTACT WITH FOOD STUFFS – ACCORDING TO IS 9845: 1998 (R 2020) | P    |      |         |
| 3. SPECIFIC MIGRATION OF PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER (DEHP)                                                                                                     | P    |      |         |

Remarks: P= Pass

F= Fail

TEST(S) RESULT &amp; METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.

YOGESH JOSHI (Manager-RSTS)

Authorized Signatory-Chemical

Email your Test Report Related Enquiries at [Feedback.HLT@sgs.com](mailto:Feedback.HLT@sgs.com)

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. Sample is not drawn by the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.



ULR-TC629326100001808F

## TEST REPORT

Report No. GR: HL:1752002035

ISSUE DATE: 14-Jul-2026



## TEST RESULT:

## 1. SPECIFIC MIGRATION OF HEAVY METALS:

**Method:** In-house test method (SO-IN C&P-TE 166) based on IS 9845: 1998 (R 2020) & FSSAI Packaging Regulation 2018 with amendment; Analysis was performed by ICP-MS

**Simulant Used:** 3% Acetic Acid

**Test Condition:** 40°C for 10 Days (1<sup>st</sup> Migration)

| Test Item                       | Result (mg/kg) | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|---------------------------------|----------------|-------------------------|---------------------------|
| Specific Migration of Barium    | Not Detected   | 0.25                    | 1                         |
| Specific Migration of Cobalt    | Not Detected   | 0.01                    | 0.05                      |
| Specific Migration of Copper    | Not Detected   | 0.25                    | 5                         |
| Specific Migration of Iron      | Not Detected   | 0.25                    | 48                        |
| Specific Migration of Lithium   | Not Detected   | 0.5                     | 0.6                       |
| Specific Migration of Manganese | Not Detected   | 0.25                    | 0.6                       |
| Specific Migration of Zinc      | Not Detected   | 0.5                     | 25                        |
| Specific Migration of Antimony  | Not Detected   | 0.02                    | 0.04                      |
| <b>Conclusion</b>               | Pass           | --                      | --                        |

**Simulant Used:** N-heptane

**Test Condition:** 38°C for 30 Min (1<sup>st</sup> Migration)

| Test Item                       | Result (mg/kg) | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|---------------------------------|----------------|-------------------------|---------------------------|
| Specific Migration of Barium    | Not Detected   | 0.25                    | 1                         |
| Specific Migration of Cobalt    | Not Detected   | 0.01                    | 0.05                      |
| Specific Migration of Copper    | Not Detected   | 0.25                    | 5                         |
| Specific Migration of Iron      | Not Detected   | 0.25                    | 48                        |
| Specific Migration of Lithium   | Not Detected   | 0.5                     | 0.6                       |
| Specific Migration of Manganese | Not Detected   | 0.25                    | 0.6                       |
| Specific Migration of Zinc      | Not Detected   | 0.5                     | 25                        |
| Specific Migration of Antimony  | Not Detected   | 0.02                    | 0.04                      |
| <b>Conclusion</b>               | Pass           | --                      | --                        |

**Tested Item :** TRANSPARENT BAG

## Note : -

1. mg/kg= milligram per kilogram
2. °C = degree Celsius
3. Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with amendment.
4. Test condition & simulant were specified by customer.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [General Conditions of Services for India](#) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents a [www.sgs.com/terms\\_e-document.htm](#). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. Sample is not drawn by the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.



ULR-TC629326100001808F

**TEST REPORT****Report No. GR: HL:1752002035****ISSUE DATE: 14-Jul-2026****2. OVERALL MIGRATION:****Method:** IS 9845: 1998 (R 2020) (1<sup>st</sup> Migration)

| Simulant Used     | Test Condition   | Result<br>(Amount of Extractives) |                       | Permissible Limit |                       |
|-------------------|------------------|-----------------------------------|-----------------------|-------------------|-----------------------|
|                   |                  | (mg/kg)                           | (mg/dm <sup>2</sup> ) | (mg/kg)           | (mg/dm <sup>2</sup> ) |
| 3% Acetic Acid    | 40°C for 10 Days | <12                               | <2                    | 60                | 10                    |
| N-heptane         | 38°C for 30 Min  | <12                               | <2                    | 60                | 10                    |
| <b>Conclusion</b> | --               | Pass                              | Pass                  | --                | --                    |

**Tested Item :** TRANSPARENT BAG**Note : -**

2. mg/dm<sup>2</sup> = milligram per decimeter square, mg/kg = milligram per kilogram.
3. °C = degree Celsius, < = less than
4. Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with amendment.
5. Test condition & simulant were specified by customer.

**3. SPECIFIC MIGRATION OF PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER (DEHP):****Method:** In-house test method (SO-IN C&P-TE 165) based on IS 9845: 1998 (R 2020) & FSSAI Packaging Regulation 2018 with amendment; analysis was performed by GC-MS**Simulant Used** 3% Acetic Acid**Test Condition:** 40°C for 10 Days (1<sup>st</sup> Migration)

| Test Item                                    | Result<br>(mg/kg) | Reporting Limit<br>(mg/kg) | Permissible Limit<br>(mg/kg) |
|----------------------------------------------|-------------------|----------------------------|------------------------------|
| Phthalic Acid,Bis(2-ethylhexyl) Ester (DEHP) | Not Detected      | 0.1                        | 1.5                          |
| <b>Conclusion</b>                            | Pass              | --                         | --                           |

**Simulant Used** N-heptane**Test Condition:** 38°C for 30 Min (1<sup>st</sup> Migration)

| Test Item                                    | Result<br>(mg/kg) | Reporting Limit<br>(mg/kg) | Permissible Limit<br>(mg/kg) |
|----------------------------------------------|-------------------|----------------------------|------------------------------|
| Phthalic Acid,Bis(2-ethylhexyl) Ester (DEHP) | Not Detected      | 0.1                        | 1.5                          |
| <b>Conclusion</b>                            | Pass              | --                         | --                           |

**Tested Item :** TRANSPARENT BAG**Note : -**

- mg/kg = milligram per kilogram of foodstuff in contact with
- °C = degree Celsius
- Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with amendment.
- Test condition & simulant were specified by customer.
- Above all testing has been performed as per customer request.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. Sample is not drawn by the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.



ULR-TC629326100001808F

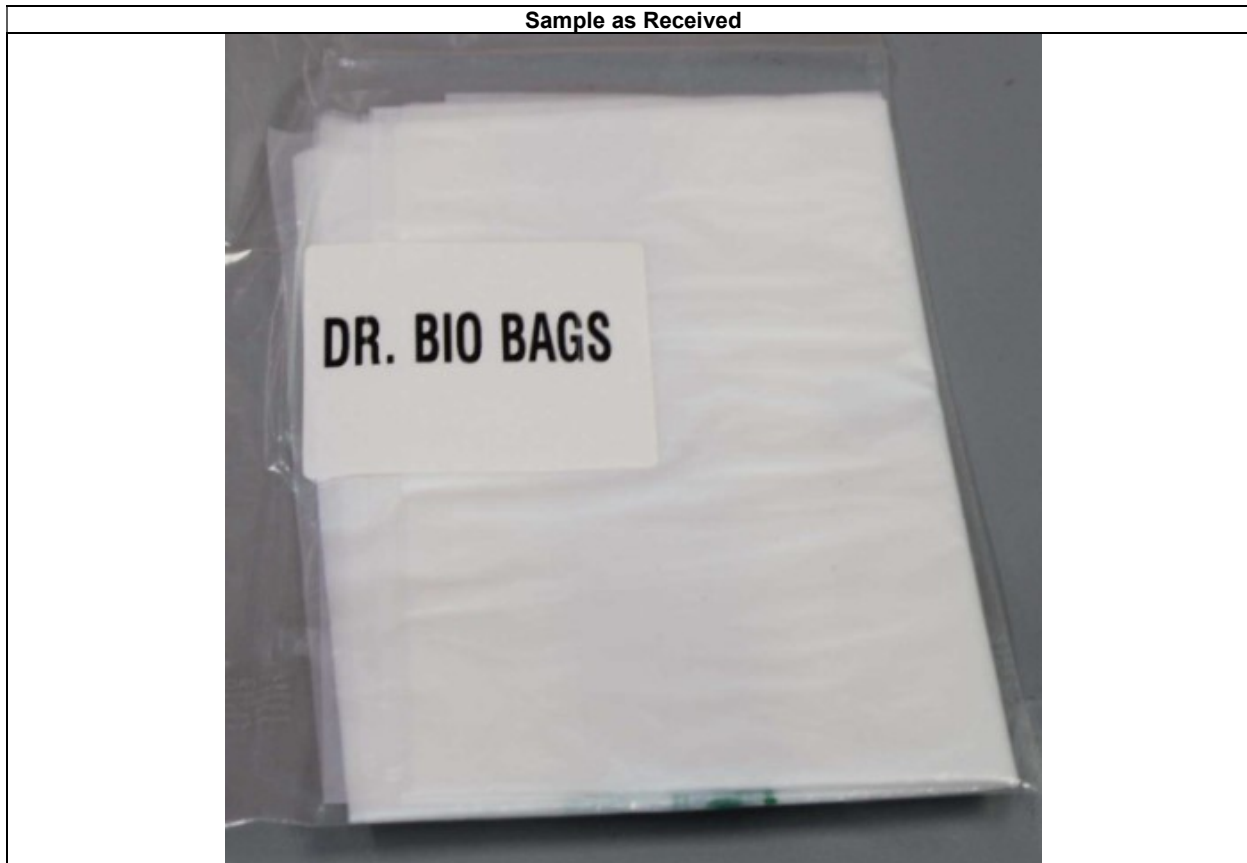
## TEST REPORT

Report No. GR: HL:1752002035

ISSUE DATE: 14-Jul-2026



## Sample as Received



\*\*\*\*\*END OF REPORT\*\*\*\*\*

JOE No.: 2652800551

400788917

Page 4 of 4

Control No.: 1752502128

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [General Conditions of Services for India](#) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](#). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. Sample is not drawn by the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days from the date of issue of report. The samples from the regulatory bodies are to be retained as specified. Statement of conformity is based on comparison of measurement result(s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer. Measurement Uncertainty is not taken into account unless otherwise requested in writing.

Connectivity and Products, 226, Udyog Vihar, Phase I, Gurugram-122016, Haryana, Phone: t: +91-124-613500 T:91-124-6776403/404  
Regd & Cord. Off: SGS House, 4B, A.S. Marg, V Khrolie (West), Mumbai – 400083, Tel: (022) 66408888 Fax: (022) 66408829 www.sgs.com