

## TEST REPORT

**\*Issued To:**

**Sprinpak Manufacturing LLP**  
B 144, Ansal Pioneer Industrial Park, Tauru Road-Bilaspur, Gurgaon, Haryana

Kind Att. : Nikhil Agarwal

**\*Sample Description:**

**2 Layer Lamination Zipper Pouch LDPE**  
Specification Followed : FSSAI (Packaging) Regulation: 2018

Product Group : Plastic & Resins

**ULR : TC527523000008645F**

Reg. No : FRAC/F/2306300038/A

\*Your Ref. No : TRF

\*Letter/TRF Dated : 30/06/2023

Date of Issue : 07/07/2023

Date of Sample Recd. : 30/06/2023

Date of Sampling : Not Specified

Sample Condition : Satisfactory

\*Sample Packing : Paper Packed

Date of Sample Booking : 30/06/2023

Date of Start of Analysis : 30/06/2023

Date of Completion : 07/07/2023

\*Sample Qty : 4 mtr

\*Batch No : Not Specified

\*Mfg. Date : Not Specified

\*Exp. Date : Not Specified

## TEST RESULTS

S.No.	Test Parameters	Units	Results	Specifications	Test Method
<b>Overall Migration (n heptane at 38° celcius for 30 Minutes)</b>					
1	Amount of extractive w.r.t. surface area of the material	mg/dm <sup>2</sup>	BLQ(LOQ-0.5)	Max 10	IS 9845: 1998
2	Amount of extractive w.r.t. volume of simulant	mg/l	BLQ(LOQ-1.0)	Max 60	IS 9845:1998
<b>Specific Migration (Heavy Metals)</b>					
3	Barium	mg/l	0.04	Max 1.0	FRAC/SOP/INST/119
4	Cobalt	mg/l	BLQ (LOQ-0.02)	Max 0.05	FRAC/SOP/INST/119
5	Copper	mg/l	BLQ (LOQ-0.02)	Max 5.0	FRAC/SOP/INST/119
6	Iron	mg/l	1.01	Max 48.0	FRAC/SOP/INST/119
7	Lithium	mg/l	BLQ (LOQ-0.02)	Max 0.6	FRAC/SOP/INST/119
8	Manganese	mg/l	0.04	Max 0.6	FRAC/SOP/INST/119
9	Zinc	mg/l	2.80	Max 25.0	FRAC/SOP/INST/119
10	Phthalic acid, bis(2-ethylhexyl) ester	mg/kg	BLQ(LOQ-0.5)	Max 1.5	FRAC/SOP/INST/101

Authorised Signatory




Vikash Boran  
ATM Instrument



Anil Kumar  
ATM -Chemical

\* Indicates Information supplied by the Customer for which the laboratory has no control.

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- Note:
1. Sample(s) not drawn by FRAC, unless specified.
  2. The result listed refers only to tested sample(s) and applicable parameters. Endorsement of product is neither inferred nor implied.
  3. Sample(s) will be destroyed after one month of the date of issue of test report unless otherwise specified, except for perishable sample which would be destroyed immediately after issuance of report.
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  8. FRAC will ensure all corrective action as per our policy in case of any discrepancy in any sample tested, FRAC liability is limited to the amount charged against the testing of the sample.
  9. Retesting charges will be applicable in case the results are reproducible.
  10. Duplicate copy will be issued on chargeable basis.



2306300038/A-1

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\*Letter/TRF Dated : 30/06/2023

S.No.	Test Parameters	Units	Results	Specifications	Test Method
10	(DEHP)				

**Note :** BLQ- Below limit of Quantification, LOQ- Limit of Quantification

**Remarks :** The sample conforms to the FSSAI (Packaging) Regulation: 2018 specifications with respect to the above tested parameters.

\*\*\*End of Report\*\*\*



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ATM Instrument

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Reg. No : FRAC/F/2306300038/B  
\*Your Ref. No : TRF

Kind Att. : Nikhil Agarwal

\*Letter/TRF Dated : 30/06/2023  
Date of Issue : 07/07/2023  
Date of Sample Recd. : 30/06/2023  
Date of Sampling : Not Specified  
Sample Condition : Satisfactory  
\*Sample Packing : Paper Packed  
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\*Batch No : Not Specified  
\*Mfg. Date : Not Specified  
\*Exp. Date : Not Specified

Product Group : Plastic & Resins

## TEST RESULTS

S.No.	Test Parameters	Units	Results	Specifications	Test Method
<b>Specific Migration (Heavy Metals)</b>					
1	Antimony	mg/l	BLQ (LOQ-0.02)	Max 0.04	FRAC/SOP/INST/119


**Note :** BLQ- Below limit of Quantification, LOQ- Limit of Quantification

**Remarks :** The sample conforms to the FSSAI (Packaging) Regulation: 2018 specifications with respect to the above tested parameters.

\*\*\*End of Report\*\*\*

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