



Test Report No: 147248957-REV1

Date: 9th September, 2026

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Applicant : COMPOZONE GLOBAL LLP
Contact Person : KIRAN SINGH
Address : 3rd FLOOR 136, 137 SAHITYA IND HUB GATRAD ROAD BAKROL
AHMEDABAD GUJARAT
Sample not Drawn by TUV Rheinland (India) Pvt. Ltd.
Sample Description : Compostable Cutlery and Food Containers
(Spoon, fork, knives, spork, food container, etc.)
Buyer Name : Self-Reference
Colour : Off White (Lab Identified)
End Use : Single-use food contact articles
Material : PLA Polymer
Country of Origin : India
Country of Destination : India
Sample Receiving Date : 29th August, 2026
Testing Period : 29th August, 2026 to 03rd September, 2026
Delivery Condition : Sample received in good condition

Conclusion:

Test Property	Conclusion	Remarks
Sensorial Examination	Pass	
Overall Migration from Plastic	Pass	
Specific Migration of DEHP from Plastic	Pass	
Specific Migration of metals, Metal-release from Plastic	Pass	

Remark: Testing has been performed on spoon only as all the materials are same as per applicant request.

Note - Accredited test are report with NABL Symbol.



Scan for NABL Scope & Certificate



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Material List

Material No.	Material	Color	Location
M001	PLA Polymer	Off White	Compostable cutlery

Discipline

NABL - Chemical Testing:

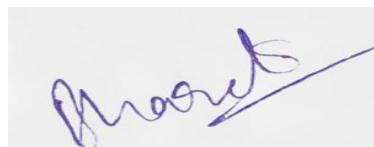
Group

Hazardous & Restricted Chemicals

For and on behalf of
TÜV Rhineland (India) Pvt. Ltd
Reviewed and authorized by



Shakti Nandan Tripathy
Technical Executive (Soft lines)



Assistant Manager
Bharat Bhushan Bhandari

Test result is drawn according to the kind and extent of tests performed. The laboratory employs simple acceptance rule in making pass or fail decisions on test results with no guard band. This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. The sample (s), as well sample information , description, product details & intended uses was provided by customer. The laboratory is not to be responsible for the information/data provided by the customer which can affect the validity of result.

THIS REPORT NO 147248957 REV-1 IS AMENDMENT TO REPORT NO 147248957 DATED 03 SEPTEMBER 2026 AND THIS REPORT SUPERSEDES THE EARLIER ISSUED REPORT.

THE TEST REPORT NO. 147248957 DATED 03 SEPTEMBER 2026 HAS BEEN REVISED TO ADD END USE, ADD MATERIAL AND REFERENCE PHOTO AS PER APPLICANT REQUEST.

Test Result

Sensorial Examination

Test method: It is examined to the extent of food simulation being used, which comes into contact with the product, undergoes detectable changes in taste and smell.

For this purpose, the food simulant was stored in the product under the below mentioned time and temperature. Afterwards, the food simulant was examined by an appropriate number of tasters with regard to any divergence in smell and taste. Another test sample, which was used as a reference, was treated by the same way except that it had no contact with the product to be tested.

Before testing, the product had been cleaned according to the product's instruction manual or in the absence of such manual, by normal household cleaning.

The test is carried out on the basis of Indian Standard (IS) 8639:1977 and its reaffirmations:

Evaluation scheme:	0 =	No discernible deviation
	1 =	Barely discernible deviation
	2 =	Weak deviation
	3 =	Clear deviation
	4 =	Strong deviation
	Limit:	3 (failed)

The following food simulants and conditions were applied:

Food simulant	Test duration	Temperature in °C
Water	2 hours	70°C

Sample No.:	M001
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

Overall Migration from Plastic

Test method: The migratory behaviour is examined with reference to Indian Standard (IS) 9845:1998 and its reaffirmations. The amount of extractives is determined by gravimetric analysis.

Limit: Indian Food Safety and Standards (Packaging) Regulations, 2018 and its amendments

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
Distilled Water	2 hours / 70°C
3% Acetic Acid	2 hours / 70°C



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n-heptane

30 min /38°C

Results: -

Material No.:	M001			
Parameter	Unit	R. L	Result (3rd migration)	Limit
Distilled Water	mg/dm ²	2	< 2	10
3% Acetic Acid	mg/dm ²	2	3.8	10
n-heptane	mg/dm ²	2	3.2	10

Abbreviations:

mg/dm²= Milligram per square decimetre

R.L= Reporting Limit

< = Less than

Specific Migration of DEHP from Plastic

Test method: The migratory behaviour is examined with reference to Indian Standard (IS) 9845:1998 and its reaffirmations. The determination Presence of Phthalate is detected with reference to EN ISO 18856:2005.

Limit: Indian Food Safety and Standards (Packaging) Regulations, 2018 and its amendments

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
3% Acetic Acid	2 hours / 70°C

Results 3rd Migration:

Material No.:	M001			
Migration Ratio	100 ml / 1.0 dm ²			
Parameter	Abbreviation	Unit	Result	Limit
Diethylhexylphthalate	DEHP	mg/kg	< 0.3	1.5

Reporting Limit: 0.3 mg/kg

Abbreviations:

n.d. = Not detected

Mg/kg = Milligram per kilogram

< = Less than



Specific Migration of metals, Metal-release from Plastic

Test method: The migratory behavior is examined with reference to Indian Standard (IS) 9845:1998 and its reaffirmations. The determination of amounts of metals that were released is done via ICP-MS.

Limit: Indian Food Safety and Standards (Packaging) Regulations, 2018 and its amendments

The following food simulant and condition was applied :

Food simulant	Test duration	Temperature in °C
3% Acetic Acid	2 hours	70°C

Results: -

Material No.:	M001			
Parameter	Unit	R. L	3 rd migration	Limit
Barium	mg/kg	0.1	< 0.1	1
Cobalt	mg/kg	0.01	< 0.01	0.05
Copper	mg/kg	0.1	< 0.1	5
Iron	mg/kg	1.0	< 1.0	48
Lithium	mg/kg	0.1	< 0.1	0.6
Manganese	mg/kg	0.1	< 0.1	0.6
Zinc	mg/kg	1.0	< 1.0	25.0
Antimony	mg/kg	0.01	< 0.01	0.04

Abbreviations:

mg/kg = Milligram per kilogram

< = Less than

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Sample Photo



Reference Photo 140 mm spoon



--End of the Report--



General Terms and Conditions - TÜV Rheinland (India) Pvt Ltd. Laboratory Services

Terms and Conditions:
Costs and expenses included & excluded in the quoted prices. The prices in this quotation are based on the submitted information only and final price may vary after reviewing the actual sample.

"The Terms & Conditions contained in this Quotation shall supersede all other Contractual obligations entered between the Parties and shall be deemed as final and binding on the Parties. Both TÜV and the Customer/Client shall sign out on the Quotation as a confirmation of their Business Understanding and its acceptability to one another."

General Service Procedures

This quotation is only for testing as per the standards mentioned herein. If any additional standards or requirements are applicable, a revision to this proposal will be provided for acceptance.

For any reason, if the turnaround time as indicated above is not met by customer either due to product failures, testing failures, modification delays etc., TÜV Rheinland (India) Pvt Ltd will charge additionally and will invoice for the same.

This quotation does not include testing of safety critical components in case they are not already certified. The above-mentioned quotation includes the test laboratory charges for one cycle of testing.

This quotation does not include re-testing the product in case of failures. The annual charges are subject to periodic reviews. Wherever needed, the client shall provide necessary auxiliary equipment and accessories.

Testing will be carried out at TÜV Rheinland (India) Pvt Ltd laboratory or any other TÜV Rheinland (India) Pvt Ltd recognized laboratories.

Testing may involve some destructive tests. Hence TÜV Rheinland (India) Pvt Ltd will not be liable for any damages caused to the product during testing. During testing, it may be necessary to open, disassemble, remove components and also conduct chemical analysis from the sample and this must be acceptable to the customer. This quotation considers one manufacturing location within India.

All transportation and logistics related to test samples are to be taken care by the manufacturer.

When Laboratories are booked for Developmental Activities, Maximum of 01 sample is allowed in 04 hours duration slot and a Maximum of 03 identical samples are allowed in 08 hours duration slot.

All chamber related services (EMC & Environmental), if cancelled with less than clear 2 working days of notice then 50% of cancellation charges are applicable. Any cancellation with less than one clear working day notice attracts 100% charges.

Decision Rule: The laboratory employs simple acceptance rule in making pass or fail decisions on test results with no guard band.

After completion of testing / certification the samples must be collected from the labs within 1 month after defined retention period, failing which TÜV Rheinland (India) Pvt Ltd will not own any responsibility of safeguarding the samples and will be destroyed according to the lab's discretion.

The client shall ensure TÜV Rheinland employee is provided with a safe work environment for executing the work assignments at client's premises and also provide necessary HSE inductions on workplace hazards, additional activity specific personal protective equipment as applicable.

The customers visiting TÜV Rheinland premises must ensure comply with TÜV Rheinland's HSE policies & procedures as representative to #Personal Protective Equipment (PPE). Please contact TÜV Rheinland Representative / Business HSE Coordinator to understand the specific HSE Requirements.

General Terms and Conditions:

1. Scope

1.1 The following terms and conditions apply to agreed services including information, deliveries and similar services as well as ancillary services and other secondary obligations provided within the scope of contract performance.

1.2 If there is any conflict between these terms and conditions and the clients General Terms and Conditions of Business, including the clients Terms and Conditions of purchasing, if any, these terms and conditions shall apply. No contractual terms and conditions of the client shall form part of the contract unless specifically referred to or incorporated in the documents forming the contract with the client.

2. Quotations

Unless otherwise agreed, all quotations submitted by TÜV Rheinland (India) Pvt Ltd shall be subject to change without notice.

3. Coming into effect and duration of contracts

3.1 The contract shall come into effect for the agreed term upon the quotation letter of TÜV Rheinland (India) Pvt Ltd or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being carried out by TÜV Rheinland (India) Pvt Ltd. If the client instructs TÜV Rheinland (India) Pvt Ltd without receiving a prior quotation from TÜV Rheinland (India) Pvt Ltd (quotation), TÜV Rheinland (India) Pvt Ltd is in its sole discretion # entitled to accept the order by giving written notice of such acceptance (including notice sent via electronic means) by performing the requested services.

3.2 The contract term starts upon the coming into effect of the contract in accordance with article 3.1 and shall continue for the term agreed in the contract.

4. Scope of services

4.1 The scope of the services shall be decided solely by a unanimous declaration issued by both parties. If no such declaration exists, then the written confirmation of order by TÜV Rheinland (India) Pvt Ltd shall be decisive.

4.2 The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.

4.3 Furthermore, TÜV Rheinland (India) Pvt Ltd is entitled to determine (in its sole discretion) the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

4.4 On execution of the work there shall be no simultaneous assumption of any guarantee of the correctness (proper quality) and working order of either tested or examined parts nor of the installation as a whole and its upstream and/or downstream processes, organizations, use and application in accordance with regulations, nor of the systems on which the installation is based. In particular, no responsibility shall be assumed for the construction, selection of materials and assembly of installations examined, nor for their use and application in accordance with regulations unless these questions are expressly covered by the contract.

4.5 In the case of inspection work, TÜV Rheinland (India) Pvt Ltd shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in writing.

5. Performance periods/dates

5.1 The contractually agreed periods and dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding if confirmed as binding by TÜV Rheinland (India) Pvt Ltd in writing.

5.2 If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland (India) Pvt Ltd. This also applies, even without express approval by the client, to all extensions of agreed dates for performance not caused by TÜV Rheinland (India) Pvt Ltd.

6. The clients obligation to cooperate

6.1 The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland (India) Pvt Ltd.

6.2 Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions.

6.3 The client shall bear any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information or lack of proper cooperation. Even where a fixed or maximum price is agreed, TÜV Rheinland (India) Pvt Ltd shall be entitled to charge extra for such additional expense.

7. Invoicing of work

7.1 If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs incurred. If no payment is agreed in writing, invoicing shall be in accordance with the TÜV Rheinland (India) Pvt Ltd. Price list valid at the time of performance.

7.2 Unless otherwise agreed, work shall be invoiced according to the progress of the work.

7.3 If the execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds ₹2,500.00 converted into Indian Rupees at the prevailing exchange rates TÜV Rheinland (India) Pvt Ltd may demand payments on account or in instalments.

8. Payment terms

8.1 All invoice amounts shall be due for payment on receipt of the invoice, subject only to statutory deductions as per applicable tax laws. No discounts shall be granted.

8.2 For down payment please refer Payment terms in the last page.

8.3 Payments shall be made to the bank account of TÜV Rheinland (India) Pvt Ltd through demand draft payable at Bangalore favouring "TÜV Rheinland (India) Pvt Ltd." You may use our bank connections mentioned below:

Bank Connection:

DEUTSCHE BANK

No. 25-27, Rajajya Towers, M.G. Road, Bangalore

Account No. 2046324-00-0, SWIFT Code: DEUTIN33

HSBC BANK

The Hongkong and Shanghai Banking Corporation Ltd

No. 7, Market Street, Bangalore - 560 001

Account No. 072-699229-01, IFSC: HSBCE0000002

Swift: HSBCE000

Note: In the event of RTGS/NEFT payment made to our Account please send the information to accounting@ind.tuv.com, else the amount may not be credited to your account.

8.4 In cases of default of payment, TÜV Rheinland (India) Pvt Ltd shall be entitled to claim default interest at a rate of 18% p.a. At the same time, TÜV Rheinland (India) Pvt Ltd reserves the right to claim further damages.

8.5 Should the client default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland (India) Pvt Ltd shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the contract. TÜV Rheinland (India) Pvt Ltd also reserves the right to publish the names of defaulting clients in public domain as may be fit and also meet any other requirements as prescribed by accreditation agencies/bodies.

8.6 The provisions set forth in article (8.4) shall also apply in cases involving returned cheques, cessation of payment, and commencement of insolvency proceedings against the client assets or cases in which the commencement of insolvency proceedings has been dismissed due to lack of assets.

8.7 Objections to the invoices of TÜV Rheinland (India) Pvt Ltd shall be submitted in writing within two weeks of receipt of the invoice.

8.8 TÜV Rheinland (India) Pvt Ltd shall be entitled to demand appropriate advance payments.

8.9 TÜV Rheinland (India) Pvt Ltd shall be entitled to raise its fees at the beginning of a month if overheads and/or purchase costs have increased. In this case, TÜV Rheinland (India) Pvt Ltd shall notify the client in writing of the rise in fees. This notification shall be issued one month prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees remains under 5% per contractual year, the client shall not have any special right of termination. If the rise in fees exceeds 5% per contractual year, the client shall be entitled to terminate the contractual relationship by the end of the period of notice of changes in fees. If the contract is not terminated, the changed fees shall be deemed to have been agreed upon expiry of the above period.

8.10 Only legally established and undisputed claims may be offset against claims by TÜV Rheinland (India) Pvt Ltd.

9. Acceptance

9.1 Any part of the work ordered which is complete in itself may be presented by TÜV Rheinland (India) Pvt Ltd. for acceptance as an instalment. The client shall be obliged to accept it immediately.

9.2 If the client fails to fulfil its acceptance obligation immediately, acceptance shall be deemed to have taken place 4 calendar weeks after performance of the work if TÜV Rheinland (India) Pvt Ltd has specifically made the client aware of the aforementioned deadline upon performance of the service.

10. Confidentiality

10.1 For the purpose of this agreement, confidential information means all information, documents, images, drawings, know-how, data, samples and project documentation which one party (the disclosing party) hands over, transfers or otherwise discloses to the other party (the receiving party). Confidential information also includes paper copies and electronic copies of such information.

10.2 The disclosing party shall mark all confidential information disclosed in written form as confidential before passing it on to the receiving party. The same applies to confidential information transmitted by email. If confidential information is disclosed orally, the receiving party shall be appropriately informed in advance.

10.3 All confidential information which the disclosing party transmits or otherwise discloses to the receiving party in accordance with this agreement:

a) May only be used by the receiving party for the purposes of performing the purpose of the contract, unless expressly otherwise agreed in writing with the disclosing party;

b) May not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fulfilling the purpose of the contract; TÜV Rheinland (India) Pvt Ltd. is required to pass on confidential information, inspection reports or documentation to the authorities or third parties that are involved in the performance of the contract;

c) Must be treated by the receiving party with the same level of confidentiality as the receiving party uses to protect its own confidential information, but never with a lesser level of confidentiality than that which is objectively required.

10.4 The receiving party shall disclose any confidential information received from the disclosing party only to those of its employees who need this information to perform the services required for the subject matter of this contract. The receiving party undertakes to oblige these employees to observe the same level of secrecy as set forth in this confidentiality clause.

10.5 Information for which the receiving party can furnish proof that:

a) It was generally known at the time of disclosure or has become general knowledge without violation of this agreement;

b) It was disclosed to the receiving party by a third party entitled to disclose this information;

c) The receiving party already possessed this information prior to disclosure by the disclosing party;

d) The receiving party developed it itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute confidential information as defined in this agreement.

e) It is mandated by law or by an order of the Courts to disclose such information.

10.6 All confidential information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party, and/or, on request by the disclosing party, to (ii) destroy all confidential information, including all copies, and confirm the destruction of this confidential information to the disclosing party in writing, at any time if so requested by the disclosing party but at the latest and without special request after termination or expiry of this contract. This does not extend to include reports and certificates prepared for the client solely for the purpose of fulfilling the obligations under this contract, which shall remain with the client. However, TÜV Rheinland (India) Pvt Ltd is entitled to make file copies of such reports, certificates and confidential information that forms the basis for preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes.

(ii) The client grants TÜV Rheinland a simple, worldwide, sub-licensable, transferable and free right use to the anonymized technical data obtained in the course of the provision of services (such as comparative data sets, statistical analysis, measurable or statistically collected values or data, e.g., in the form of figures, information or feedback) for the purpose of implementing this agreement and for the analysis, improvement and further development of existing services as well as for the analysis, improvement and development of the services.

10.7 From the start of this contract and for a period of three years after termination or expiry of this contract, the receiving party shall maintain strict secrecy of all confidential information and shall not disclose this information to any third parties or use it for itself.

11. Copyrights

11.1 TÜV Rheinland (India) Pvt Ltd shall retain all exclusive and joint copyrights in the expert reports, test results, calculations, presentations etc. prepared by TÜV Rheinland (India) Pvt Ltd.

11.2 The client may only use expert reports, test results, calculations, presentations etc. prepared within the scope of the contract for the contractually agreed purpose.

11.3 The client may use test reports, test results, expert reports, etc. only complete and unshortened. Any publication or duplication for advertising purposes needs the prior written approval of TÜV Rheinland (India) Pvt Ltd.

12. Liability of TÜV Rheinland (India) Pvt Ltd

12.1 Irrespective of the legal basis and in particular in the event of a breach of contractual obligations and tort, the liability of TÜV Rheinland (India) Pvt Ltd for all damage, loss and reimbursement of expenses caused by legal representatives and/or employees of TÜV Rheinland (India) Pvt Ltd shall be limited to:

(i) in the case of contract with a fixed overall fee, an amount equal to the overall fee for the entire contract;

(ii) in the case of contracts for annually recurring services, an amount equal to the agreed annual fee;

(iii) in the case of contracts expressly charged on a time and material basis to a maximum of ₹10,00,000/- (Rupees Ten Lacs only);

(iv) in the case of framework agreements that provide for the possibility of placing individual orders, to an amount equal to three times the fee for the individual order which the damage occurred. The maximum liability of TÜV Rheinland (India) Pvt Ltd is limited in any event of damage or loss to the contract value/₹10,00,000/- (Rupees Ten Lacs) whichever is lower.

12.2 TÜV Rheinland (India) Pvt Ltd shall not be liable for personnel made available by the client to support TÜV Rheinland (India) Pvt Ltd in the performance of its services regulated under the contract. The client shall indemnify TÜV Rheinland (India) Pvt Ltd against any claims made by third parties for all loss that may be caused to or suffered by TÜV Rheinland (India) Pvt Ltd due to acts of omission and commission by the client.

12.3 The limitation periods for claims for damages shall be based on statutory provisions.

12.4 None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client.

13. Partial invalidity, written form, place of jurisdiction

13.1 No ancillary agreements to this contract have been concluded.

13.2 All amendments and supplements must be in writing in order to be effective; this also applies to amendments and supplements to the requirement for the written form.

13.3 Should one or several of the provisions under this contract be or become ineffective, the contracting parties shall replace the invalid provision with a legally valid provision that comes closest to the intent of the invalid provision in legal and commercial terms.

13.4 The place of jurisdiction for all disputes arising in connection with this contract shall be Bangalore. This contract is governed by Indian substantive law.

13.5 All claims, disputes, differences, etc., arising out of and / or connected with the contract between TÜV and the client shall be resolved through arbitration to be conducted under the provisions of the Arbitration and Conciliation Act, 1996. The seat of arbitration shall be Bangalore, India. The Arbitral Tribunal shall comprise of a Sole Arbitrator to be nominated by the mutual consent of TÜV and the client. The arbitration proceedings shall be conducted in the English language only.

13.6 Subject to resolution of disputes through arbitration, only the Courts in Bangalore, India, shall be exclusive jurisdiction over all matters arising out of and / or connected with the contract between TÜV and the client.

Payment Terms: The Parties shall negotiate the Payment Terms on a case to case basis. The full and final Terms & Conditions of Payment as negotiated and as contained in the Purchase Order (PO) shall be binding on the Parties to this contract/engagement. The order confirmation issued by TÜV Rheinland in accordance shall be deemed as Acceptance of such Terms & Conditions.

Any Tax Components if any shall be deemed to be charged as per the prevailing slabs as applicable, including GST and / or any other taxes in force from time to time.

B. H. Shivamurthy

Mr. Bhavik Trivedi
Regional Finance Director – ZMEA & APA and Managing Director
TÜV Rheinland (India) Pvt. Ltd.,