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TEST REPORT

Test Report No.: HL/MP/260702001

Issued To: POLYCAPS TECH PLAST PVT LTD

ULR No.: TC1171226000003730F

Issue Date: 13.07.2026

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Name of Agency : POLYCAPS TECH PLAST PVT LTD
Address : C/17 NAVKAR INDUSTRIAL ESTATE AND LOGISTIC
 PARK, NAGPUR MAHARASHTRA 441104
Sample Name : PE CAP FOR PET BOTTLES (27 MM)
Make/Brand : Not Mentioned
Sample Code : Not Mentioned
Sample Received on : 02.07.2026 **Test Start On:** 02.07.2026
Analysis End On : 13.07.2026

SAMPLE DETAILS

Type/Grade/Variety : PE CAP FOR PET BOTTLES (27 MM)
Nature of Sample : Plastic Cap for Bottles
Description of Sample : Round Cap
IO Sign, Stamp & Seal : Not Applicable
Mode of Packing : corrugated Cartoon Packed
Quantity of sample : 60 CAPS
Batch No./Lot No. : 260633
Date of Manufacturing : 28.06.2026
Any Other Information : 27.06.2027
Test Required : All Test for Cap
Specification : **IS 15410: 2025**
Reference Test Standards : IS 15410, IS 9845, IS 3025 Part 2 and ISO 18856
Environmental conditions : Test performed at laboratory condition i.e. 27±2°C and RH 65±5% (unless otherwise specified for specific test)
Any Deviation in Methods : No any deviation
Sampling : Not Done by The Laboratory
Sampling Procedure : Not applicable
Amendment if any : No any amendment done



SCAN FOR NABL CERTIFICATE AND SCOPE

Test Result

S. No.	Characteristic	Results	Requirement (Acceptable Limit)	Method of Test
i)	Material for Closures			
a.	Closure materials (Aluminium)	Not Applicable	annealed aluminium sheets coated on inside with food grade lacquering complying with IS 8970.	As per Clause 4.1.2.1
b.	Plastic Materials	PE	Plastic such as high-density polyethylene (HDPE) or polypropylene (PP) or it's combination with any other suitable plastic material (HDPE, low density polyethylene – LDPE, PP)	As per Clause 4.1.2.1
c.	Combination of plastics and metal	Not Applicable	Combination of plastics and metal may also be used.	As per Clause 4.1.2.1



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Test Result Cap

ii)	Migration Test (Distilled Water 40±2°c for 10 Days)			
a.	Overall Migration (Volume)	2.35	The maximum extraction values for the samples shall not exceed Max.60 mg/L	As per Clause 4.6.4.1
b.	Colour Migration	No colour observed in Residue	The colour migrated into distilled water (Simulant A) under exposure conditions of IS 9845 – to be considered as the ‘sample’ – shall not exceed 2 colour units when tested in accordance with IS 3025 (Part 4). If the colour migrated exceeds 2 colour units, such materials are not suitable for food contact applications, even though the extractive value is within the limit.	As per Clause 4.6.4.3

Specific Migration Cap

S. No.	Characteristic	Results	Requirement (Acceptable Limit)	Method of Test
	Specific Migration			
i)	Barium	BLQ (LOQ 0.20)	1.0 mg/kg, max.	IS 3025 part 2
ii)	Cobalt	BLQ (LOQ 0.01)	0.05 mg/kg, max.	IS 3025 part 2
iii)	Copper	BLQ (LOQ 1.0)	5.0 mg/kg, max.	IS 3025 part 2
iv)	Iron	BLQ (LOQ 1.0)	48.0 mg/kg, max.	IS 3025 part 2
v)	Lithium	BLQ (LOQ 0.20)	0.6 mg/kg, max.	IS 3025 part 2
vi)	Manganese	BLQ (LOQ 0.20)	0.6 mg/kg, max.	IS 3025 part 2
vii)	Zinc	BLQ (LOQ 1.0)	25.0 mg/kg, max.	IS 3025 part 2
viii)	Antimony	BLQ (LOQ 0.01)	0.04 mg/kg max.	IS 3025 part 2
ix)	Phthalic acid, bis(2-ethylhexyl) ester (DEHP)	BLQ (LOQ 0.10)	1.5 mg/kg, max.	ISO 18856

BLQ =Below Limit of Quantification, LOQ= Limit of Quantification,NA = Not Applicable, NM = Not Mentioned,

Conformity statement: The sample Provided by Party for testing as per IS 15410: 2025 , Conforms the Requirements of The Specifications mentioned.

Opinion and Interpretation: NA

Reviewed By:

Sangita

Sangita Patel
Section Head Plastic



For, Hexiqon Laboratory Pvt. Ltd.

Pavitra Singh

Pavitra Singh (Technical Manager)
(Authorised Signatory)

Note:

1. This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior written permission has been secured from the Director General BIS.
2. This test report is ONLY FOR THE SAMPLE TESTED. 3. This Report is for BIS Certification Marks Purpose Only.

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Test Result Cap

S. No.	Characteristic	Results	Requirement (Acceptable Limit)	Method of Test
i)	Closure colourants	No Colourant or Pigment Provided	Pigments and colourants used, if any, in the closure shall comply with IS 9833.	As per Clause 4.1.2.2
ii)	Sleeves for the closure	Not Provided	Shrink sleeve made of plastics, either printed or unprinted, may be used over the closure.	As per Clause 4.1.2.3
iii)	Wad	Not Provided	The wad shall be of expanded polyethylene (EPE) or any other suitable food grade material compatible with the contents.	As per Clause 4.1.3

Conformity statement: The sample Provided by Party for testing as per IS 15410: 2025 , Conforms the Requirements of The Specifications mentioned.

Opinion and Interpretation: NA



Reviewed By:

Sangita

Sangita Patel

Section Head Plastic



For, Hexiqon Laboratory Pvt. Ltd.

Pavitra Singh

Pavitra Singh (Technical Manager)
(Authorised Signatory)

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