TEST REPORT

Report No. : **(8225)136-0009-002**

Date Issued : 2026. 01. 05

Company Name : KOSTIC FORMTEC CO., LTD.

Address : 120, LG-ro 360beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do, Republic of Korea

Sample Description

Name / Type of Product : Direct Thermal Synthetic Film LABEL
Item No. / Part No. : -
Material/Color : -
Manufacturer/Vendor : -

Date Received : 2025. 12. 22
Test Period : 2025. 12. 22 ~ 2026. 01. 05

Test Type : Wet chemical analysis for restricted substances.
Test Site : Fixed Test Lab (RM908~915 126, Beolmal-ro, Dongan-gu, Anyang-si)
Test Method(s) : For the detail, please the following page(s).
Test Results(s) : For the detail, please the following page(s).

Authorized by

Bureau Veritas Korea Co., Ltd.
Consumer Product Services

JIN KIM
Lab Manager / Bureau Veritas Korea CPS

Scan to see the Report

Bureau Veritas CPS Korea
RM409, 8F RM901~902, RM908~915
(O-Biz tower) 126, Beolmal-ro, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea
Tel :+82.31.688.8000 Fax: +82.31.360.0276
Website: www.bureauveritas.co.kr/cps

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. This report is independent of the KOLAS recognition criteria (KS Q ISO/IEC 17025) and KOLAS recognition. This report is independent of the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

TEST REPORT

Report No. : **(8225)136-0009-002**

Date Issued : 2026. 01. 05

Name / Type of Product : Direct Thermal Synthetic Film LABEL

TEST RESULT

Heavy Metals

Test Item	Test Method	Unit	MDL	Result
Lead (Pb)	With reference to International Standard IEC 62321-5: 2013, Determined by ICP-OES.	mg/kg	5	ND
Cadmium (Cd)		mg/kg	0.5	ND
Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013 +AMD1:2017CVS, Determined by ICP-OES.	mg/kg	2	ND
Chromium VI (Cr VI)	With reference to International Standard IEC 62321-7-2 2017, Determined by UV-Vis.	mg/kg	8	ND

Flame Retardants-PBBs/PBDEs

Monobromobiphenyl	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
Dibromobiphenyl		mg/kg	5	ND
Tribromobiphenyl		mg/kg	5	ND
Tetrabromobiphenyl		mg/kg	5	ND
Pentabromobiphenyl		mg/kg	5	ND
Hexabromobiphenyl		mg/kg	5	ND
Heptabromobiphenyl		mg/kg	5	ND
Octabromobiphenyl		mg/kg	5	ND
Nonabromobiphenyl		mg/kg	5	ND
Decabromobiphenyl		mg/kg	5	ND
Monobromodiphenyl ether	With reference to International Standard IEC 62321-6: 2015, Determined by GC-MS.	mg/kg	5	ND
Dibromodiphenyl ether		mg/kg	5	ND
Tribromodiphenyl ether		mg/kg	5	ND
Tetrabromodiphenyl ether		mg/kg	5	ND
Pentabromodiphenyl ether		mg/kg	5	ND
Hexabromodiphenyl ether		mg/kg	5	ND
Heptabromodiphenyl ether		mg/kg	5	ND
Octabromodiphenyl ether		mg/kg	5	ND
Nonabromodiphenyl ether		mg/kg	5	ND
Decabromodiphenyl ether		mg/kg	5	ND

Note / Key :

mg/kg = milligram(s) per kilogram = ppm = part(s) per million
ug/cm^2 = Microgram per square centimeter
MDL = Method detection limit
ND = Not detected
NA = Not applicable

The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.

TEST REPORT

Report No. : **(8225)136-0009-002**

Date Issued : 2026. 01. 05

Name / Type of Product : Direct Thermal Synthetic Film LABEL

TEST RESULT

Phthalates

Test Item	Test Method	Unit	MDL	Result
Dibutyl phthalate (DBP)	With reference to IEC 62321-8: 2017, Determined by GC-MS & LC-MS.	mg/kg	50	ND
Bis(2-ethylhexyl) phthalate (DEHP)		mg/kg	50	ND
Diisobutyl phthalate (DIBP)		mg/kg	50	ND
Benzyl butyl phthalate (BBP)		mg/kg	50	ND
Diisooctyl phthalate (DIOP)		mg/kg	50	ND

Note / Key :

mg/kg = milligram(s) per kilogram = ppm = part(s) per million
MDL = Method detection limit
ND = Not detected
NA = Not applicable

List of Phthalates [European Parliament and Council Directive 2011/65/EU] :		
No.	**Name of Analyte(s)**	**CAS-No.**
1	Dibutyl phthalate (DBP)	84-74-2
2	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
3	Diisobutyl phthalate (DIBP)	84-69-5
4	Benzyl butyl phthalate (BBP)	85-68-7
5	Diisooctyl phthalate (DIOP)	27554-26-3

The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.

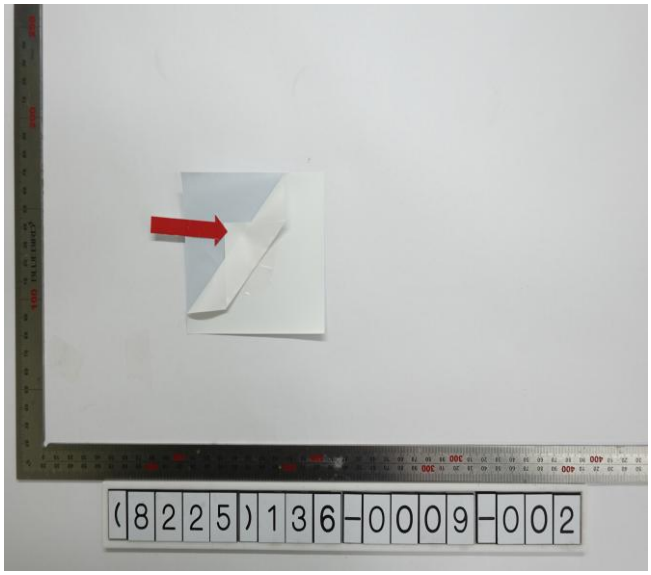
TEST REPORT

Report No. : **(8225)136-0009-002**

Date Issued : 2026. 01. 05

Name / Type of Product : Direct Thermal Synthetic Film LABEL

Photo of the Submitted Sample



The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.

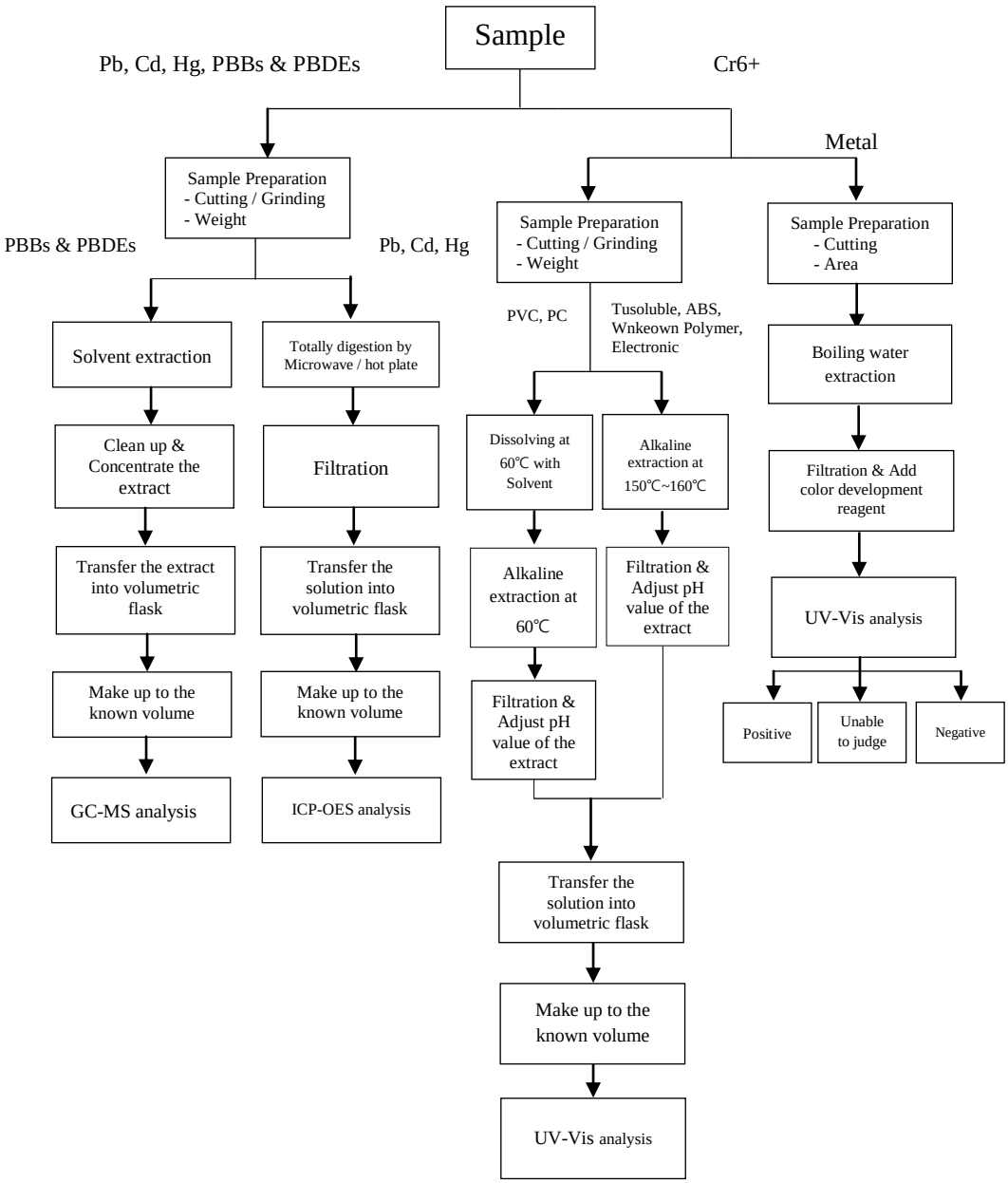
TEST REPORT

Report No. : **(8225)136-0009-002**

Date Issued : 2026. 01. 05

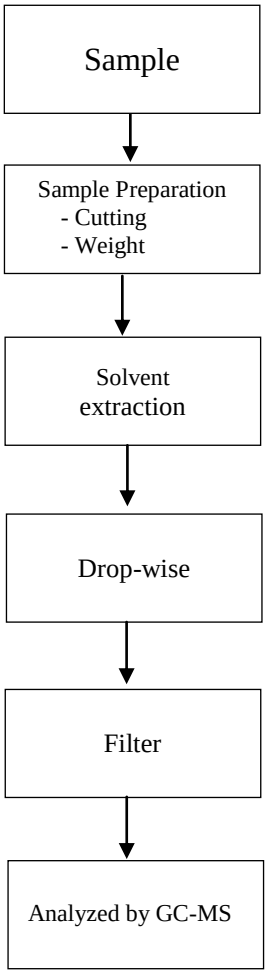
Name / Type of Product : Direct Thermal Synthetic Film LABEL

Test Flowchart of Heavy Metals and Flame Retardants Content [European Parliament and Council Directive 2011/65/EU] :



The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.

Test Flowchart of Phthalates Content



- End of Report -

The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.