

Test Report

Report No.: 251113032SZN-031

Issue date: Nov. 26, 2025

Applicant: **Distributed in South Africa by Reel Papers**

Sample Description:

Test item description.....: **Direct thermal**

Brand.....: **Distributed in**

South Africa by Reel Papers

Date of Sample Received.....: Nov. 13, 2025

Testing Period: Nov. 14, 2025 to Nov. 18, 2025

Tests conducted:

As requested by the applicant, refer to following page(s) for details.

Test location: 5/F of Bldg. 1, Yuanzheng Science and Technology Industrial Park, No. 4012, Wuhe Ave. North, Bantian Street, Longgang District, Shenzhen, China

Conclusion:

Tested samples	Standard	Result
Submitted sample	Heavy Metals Content Requirement in Directive 94/62/EC and amendments on packaging and packaging waste	Pass
	Model Toxics in packaging Legislation on toxic elements test (Toxics in Packaging Clearinghouse TPCH)	Pass

Authorized by:

For Intertek Testing Services

Shenzhen Ltd.




Navy Wang

Supervisor



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◆ **1. Toxic Elements Analysis**

Alkaline digestion method was used and Hexavalent Chromium was determined by UV-Visible Spectrophotometry; Acid digestion method was used and Lead, Cadmium and Mercury were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm)	Detection Limit (ppm)	Limit (ppm)
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Chromium VI (Cr (VI))	ND	5	--
Sum of Pb, Cd, Hg and Cr (VI)	ND	--	100
- The limit was quoted according to EU Directive 94/62/EC and amendments on packaging and packaging waste, Article 11(1) on Heavy Metals Content. - ND = Not detected (less than detection limit) - ppm = part per million = mg/kg - Remark: Only detected element(s) are included in calculation of the sum.			

Tested sample: White adhesive plastic.

◆ **2. Toxic Elements Analysis**

As per Model Toxics in Packaging Legislation requirement of packaging and packaging components, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry

Element	Result (ppm)	Reporting Limit (ppm)	Limit (ppm)
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Chromium VI (Cr (VI))	ND	5	--
Sum of Pb, Cd, Hg and Cr (VI)	ND	--	100
- ND = Not detected (less than detection limit) - ppm = part per million = mg/kg - Remark: Only detected element(s) are included in calculation of the sum.			

Tested sample: White adhesive plastic.



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Photos for Test Sample:



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