

Test Report No: 2024-SL-2724

Client : **N&E INNOVATIONS PTE LTD 9 CHIN BEE DRIVE, SINGAPORE**

The following sample(s) was/were submitted and identified by client as:

Sample Name: **Multi-layer composite food vacuum bag**

Sample Description: **Vacuum Bag**

Color: **Clear**

Manufacturer/Vendor: **N&E INNOVATIONS PTE LTD**

Country of Origin: **China**

The following sample(s) was/were identified by as:

Sample No.: **20240920**

Sample Condition: **Sample is contained in a box.**

Quantity Submitted: **80 units**

Sample Receiving Date : **10-Oct-2024**

Testing Period: **10-Oct-2024 to 24-Oct-2024**

Test Method & Results: Please refer to next page(s).

Date : **30-Oct-2024**

This document summarizes the safety test results for vacuum bags produced by our manufacturing partner in China, incorporating our proprietary antimicrobial ingredient. All tests were conducted according to GB 4806.13-2023, GB 4806.13-2023 standards.

Test	Standard / Method	Result	Conclusion
Overall Migration (3% Acetic Acid)	GB 4806.7-2016 / GB 31604.8-2016	$\leq 10 \text{ mg/dm}^2$	Passed
Overall Migration (10% Ethanol)	GB 4806.7-2016 / GB 31604.8-2016	$\leq 10 \text{ mg/dm}^2$	Passed
Overall Migration (Isooctane)	GB 4806.7-2016 / GB 31604.8-2016	$\leq 10 \text{ mg/dm}^2$	Passed
Heavy Metal Migration (as Pb)	GB 31604.9-2016	$\leq 1.0 \text{ mg/kg}$	Passed
Potassium Permanganate Consumption	GB 31604.2-2016	$\leq 10 \text{ mg/kg}$	Passed
Decolorization Test (65% Ethanol)	GB 31604.3-2016	No color migration	Passed

Note: The above results are derived from test report ID 2024-SL-2724, provided by our manufacturing partner. This report reflects testing performed on the finished vacuum bag product incorporating N&E Innovations' active antimicrobial ingredient.