

Mold Screening Test Program

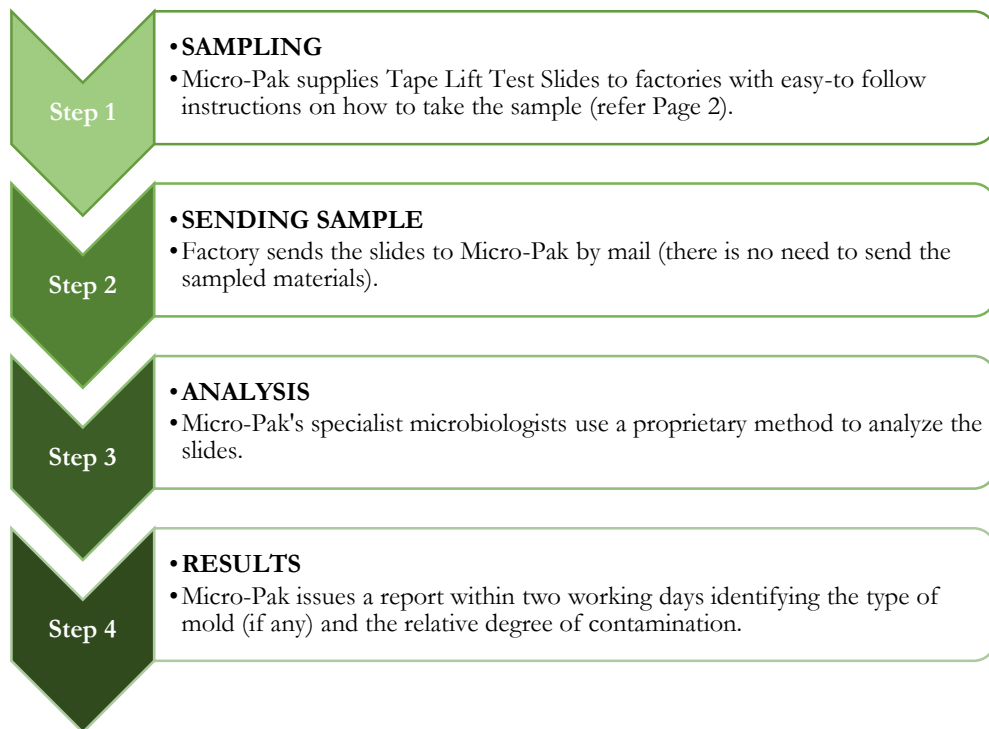
Introduction and Sampling Procedure



Micro-Pak Mold Screening Test Program

The Micro-Pak Mold Screening Test Program enables customers to test for mold contamination on raw materials, finished goods or various surfaces in a simple, fast and cost effective manner. Samples are taken by the user and sent to Micro-Pak Technical Offices for analysis. Micro-Pak will then issue a report identifying any mold found, the estimated mold level and a suggested action plan. Refer page 4 for an Example Testing Program.

Procedure



Tape Lift Test Method



Micro-Pak's Tape Lift Test provides a standardized surface sampling method to easily and quickly test for the presence of **all types of mold as well as the relative degree of mold contamination***. Mixed specimens collected from Tape Lift Slides are examined under biological microscopes by Micro-Pak's specialist microbiologists and the identification of molds is based on the indicative mold elements (spores, hyphae, conidial heads, and sporangia) under the specifically viewed area. Micro-Pak additionally uses proprietary software to calculate the degree of contamination together with a suggested action plan.

**Results refer to the tested sample areas only and are therefore not an indication of the presence or absence of mold from any other item.*

Program Details

Cost	Micro-Pak Tape Lift Test Slides together with sample analysis and reporting cost USD80 per slide. The minimum order is five slides/reports.
Lead Time	Report will be issued generally within two working days of receipt of the sample.
Testing Locations	Tape Lift Test samples can be sent to Micro-Pak's Technical Offices in Hong Kong, Zhongshan, Putian, Vietnam, India, Bangladesh and USA (contact details on Page 5)
How to Get Started	<ol style="list-style-type: none"> 1. Email info@micropakltd.com to place your order for tape lift test slides. 2. Settle payment. 3. Micro-Pak will send Tape Lift Slides together with instructions. 4. Take samples and return slides to Micro-Pak by mail. 5. Receive results from Micro-Pak.

Mold Screening Test - Sampling Procedure



1. Remove the slide from the provided plastic case.



2. Record the sample location, sample details on the slide and label provided, paste the label at the back side of the plastic case.



3. Peel off protective liner from the slide to expose the adhesive.

Note: Do NOT touch the sampling window. The adhesive is very tacky and only needs to be pressed gently. Do NOT press down hard.



4. Place the slide with the adhesive side down on the surface to be sampled. **(Use the centering line to orient the adhesive over the exact sample location desired).** Gently press down to ensure contact is made following the below procedure:
 - For samples with **no visible mold, 5 - 6 areas** of one sample should be collected on one tape. Please pay attention to the pressure of each collection, do not over press. (Note: Try to cover all main, lining and different materials of the sample)
 - For samples with **visible/suspected mold, up to 3 areas** of one sample should be collected on one tape to avoid over collection.



5. Carefully remove the slide from the surface and place it back into the plastic case **(Sampling window should be facing UP).**

Note: Do NOT replace the plastic "peel" liner.



6. Close the slide case properly.
Note: Ensure it is firmly closed on the three circled areas in red.



7. Put the slide case in a Ziploc bag and send it to the nearest Micro-Pak Technical Office together with the provided "Mold Screening Test Application Form" for further analysis.

Sample Report

MICRO-PAK®
Unrivaled Mold & Moisture Protection

Report No: MC20210821-SR
Report Date: October 7, 2021
Customer: Client 1
Factory Name: ABC Factory

Mold Screening Test Report

Submitted by: ABC Factory
Total Samples submitted: 7
Micro-Pak Slides: 7
Highest Mold Level on submitted samples: **Heavy Mold**
Additional Findings: **High Risk**

Test Results
Mold Detected
Highest Mold Risk Level on submitted samples: **High Risk**

No Additional Findings

MICRO-PAK®
Unrivaled Mold & Moisture Protection

Report No: MC20210821-SR
Test Date: October 4, 2021
Customer: Client 1

Summary on Mold and Tape Lift Test Results

Client 1

Case No	Sample Ref	Article	Sample photo	% of Viewed Area Covered	Tape Lift Test Observation	Mold Genus/Species Identified	Mold Rating / Mold Risk Level
MC202108 21-01	White-1	Style: 86684, Color: White, Size: US7		40.03%	Conidial head, hyphae and spores detected		5
Factory: ABC Factory							
MC202108 21-02	White-2	Style: 86684, Color: White, Size: US7		1.58%	Conidial head and spores detected		2
Factory: ABC Factory							
MC202108 21-03	White-3	Style: 86684, Color: White, Size: US7		16.96%	Conidial head, hyphae and spores detected		3
Factory: ABC Factory							
MC202108 21-04	White-4	Style: 86684, Color: White, Size: US7		0.54%	Spores detected		1
Factory: ABC Factory							

MICRO-PAK®
Unrivaled Mold & Moisture Protection

Report No: MC20210821-SR
Test Date: October 4, 2021
Customer: Client 1

Summary on Mold and Tape Lift Test Results

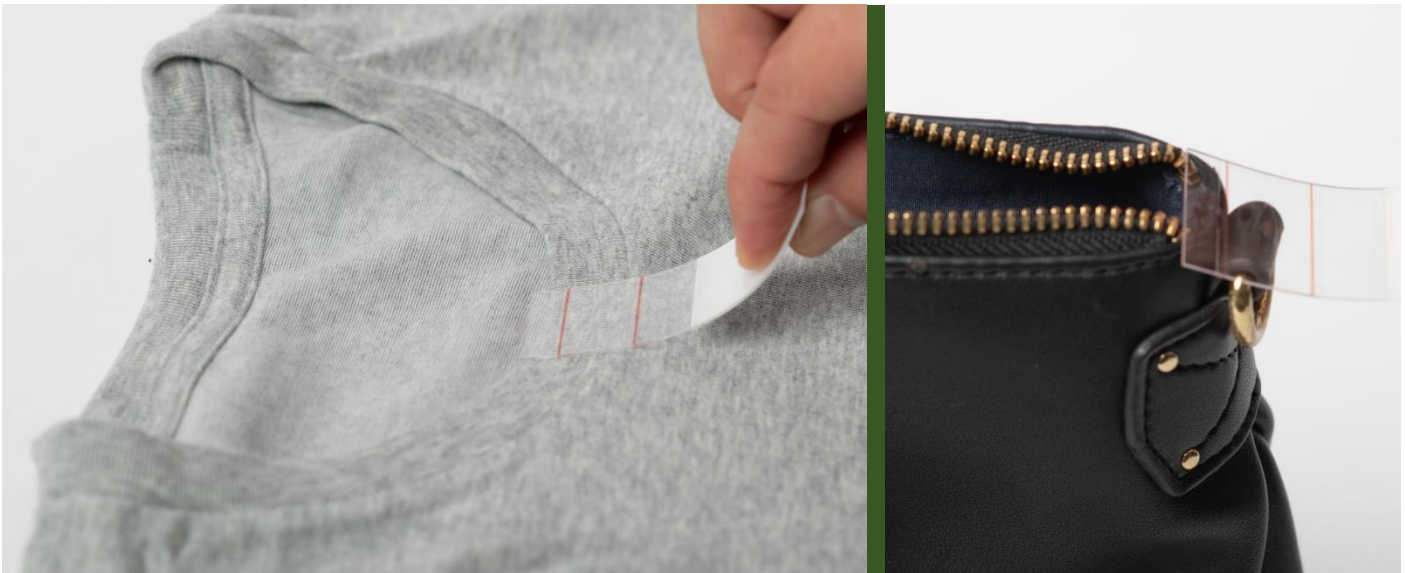
Client 1

Case No	Sample Ref	Article	Sample photo	% of Viewed Area Covered	Tape Lift Test Observation	Mold Genus/Species Identified	Mold Rating / Mold Risk Level
MC202108 21-11	Orange-1	Style: 86685, Color: Titanium White/Black, Size: US8.5		55.36%	Conidial head, hyphae and spores detected		5
Factory: ABC Factory							
MC202108 21-15	Orange-5	Style: 86685, Color: Titanium White/Black, Size: US8.5		58.29%	Conidial head, hyphae and spores detected		5
Factory: ABC Factory							
MC202108 21-18	Orange-6	Style: 86685, Color: Titanium White/Black, Size: US8.5		0.00%	No indicative mold element detected		0
Factory: ABC Factory							

Notes:

- The Micro-Pak mold tests are **HOUSEHOLD** tests and should be viewed as a **general guideline only**. For more precise results, please contact certified lab specialized in micro-biological testing.
- The results shown on this report refer to the tested areas only and are **NOT** an indication of the presence or absence of mold on any other item or any other part of the tested item.

Case No	Sample Ref	Article	Sample photo	% of Viewed Area Covered	Tape Lift Test Observation	Mold Genus/Species Identified	Mold Rating / Mold Risk Level
MC202108 21-01	White-1	Style: 86684, Color: White; Size: US7		40.03%	Conidial head, hyphae and spores detected		5
Material Swiped: Suede upper (visible mold)				Collection Ref: Collection Lot No: B197 5306 Mold Level: Heavy Mold	Mold Count Rating: MANY (>40%) Mold Genus: Aspergillus	Magnification: 400X Mold Genus: Aspergillus Species: NA	Mold Risk Level: High Risk
Factory:		ABC Factory					



Example Test Program

Micro-Pak Mold Screening tests allow suppliers to take further precautionary steps prior to shipment. The use of these tests can be tailored to the specific needs of the customer resulting in valuable information at a planned cost. The following are general recommendations on a sampling plan. For any questions please contact info@micropakltd.com.

Which Products Should I Test?

Primary testing should be on finished products. To get started, we recommend focusing on a category in which you have had the highest risk. For example:

- a) Product lines that had mold problems in the past 12 months
- b) Products made in factories that had mold problems in the last 12 months
- c) High risk materials
- d) Materials that had mold problems in the past 12 months
- e) Goods that have been, or will be, stored for extended periods

How Many Items and How Often Should I Test?

- a) Testing should be done on each PO.
- b) The number of items tested should be based on the quantity per PO. See example sampling plan below.
- c) For items with no visible mold, **5 - 6 areas** of the item can be tested with one slide. For items with visible mold, a maximum of **3 areas** can be tested with one slide. To avoid cross-contamination of samples, one slide should be used to test one item only.

Testing procedure

The supplier should select a fixed number of cartons for inspection. The items in these cartons should be checked for any visual signs of mold or any smell of mold. From these inspected goods a certain quantity should be selected for mold screening using Micro-Pak tape lifts.

Example Sampling Plan for High Risk Items

The sampling plan below is an example from a major customer of ours for items that they identify as “High Risk”.

	No. of Items per PO	Inspection (No. of carton)	No. of samples tested
1	over 50,000 items	20	2 pieces per carton
2	10,000 - 50,000 items	10	2 pieces per carton
3	less than 10,000 items	5	2 pieces per carton

This is intended to provide guidance only and is not a fixed recommendation. As there are many variables to consider, Micro-Pak can assist you to develop a more specific SOP. For more information please contact info@micropakltd.com

Where Do I Send the Slides?

Send slides to any of Micro-Pak’s technical offices in Hong Kong, China, Vietnam, Bangladesh, India and the USA per details below.

For more information on the Micro-Pak Mold Screening Test Program or to order Micro-Pak Tape Lift Test Slides please contact info@micropakltd.com.

Micro-Pak Technical Offices

HONG KONG

邁可達香港辦事處	Micro-Pak Ltd.
地址: 香港九龍尖沙咀廣東道9號海港城 港威大廈第6座2504室	Address: Suite 2504, Tower 6, The Gateway, Harbour City, 9 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong
收件人: 技術部 電話: 852-2956 2991	Attn: Technical Department Tel: 852-2956 2991

CHINA

中國福建省以內 - 寄莆田辦事處地址	中國其他地區 - 寄中山辦事處地址
福建省莆田市廂區龍橋街道東園西路1033號 京都金融中心A棟1802室 (收件人: 技術部) 聯系人: Carrie 電話: 86-594-252 8983	中國廣東省中山市東區中山四路88號 尚峰金融商務中心A2座1805室 (收件人: 技術部) 聯系人: Helen 電話: 86-760-8833 5125

VIETNAM

Micro-Pak Ltd. – The Representative Office of MPTS Ltd. in HCMC
Address: MPTS Limited, 14F, AB Tower, 76A Le Lai Street, Ben Thanh Ward, District 1, Ho Chi Minh City, Vietnam Attn: Linh - Technical Department Tel: 84-28-3820 8118

BANGLADESH

Micro-Pak Ltd. – Bangladesh Office
Address: H.No. 38/3 (New), R.No.16 (New), 4th Floor, Sheikh Kamal Sarani, Dhanmondi, Dhaka-1209, Bangladesh Attn: Biswajit Kumar Saha Tel: (880) 171-261 1661

INDIA

Gaitonde Leathers and Accessories Pvt. Ltd.
Address: No.58 Harrington Road, Corium House, Alsa Garden, A-Block 05th Floor, Chetpet, Chennai-600031, Tamil Nadu, India Attn: Mr. Sathiya Tel: (91) 979-094 8483

USA

Micro-Pak USA, Inc.
Address: 7421 SW Bridgeport Road, Suite 204, Tigard, OR 97224, USA Attn: Technical Department Tel: (1) 503 747 5755