



CONSUMER TESTING LABORATORIES, Inc.

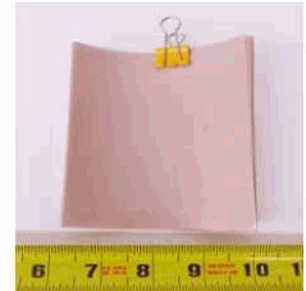
HARDLINES TESTING LABORATORY • 611 DREAM VALLEY ROAD • ROGERS, AR 72756
PHONE: (479) 636-8782 • FAX: (479) 636-8961 • ROG:Hardlines.Customer.Service@crs.ul.com

Evaluation of Test Results

Lab Report No: ARHL0789827

Issue Date: May 28, 2020

Item Description: Anti-microbial Film



Rating: **Pass**

CLIENT: JS Chem International Co

COUNTRY OF ORIGIN: Not Provided

SOURCING OFFICE: Not Applicable

SUPPLIER NAME: R&F Chemical Co

STYLE NUMBER: Not Applicable

REASON FOR TESTING: Evaluation of client requested requirements.

*** Please see the following pages for additional item information ***

FACTORY NAME: R&F Chemical Co

ADDITIONAL INFORMATION

1. See attached analytical chemistry report for detailed results.

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ADDITIONAL SAMPLE INFORMATION

SIZE(S) _____ **COLOR(S)** _____
Not Applicable Not Applicable

PO NUMBER(S) _____
Not Applicable

UPC CODE(S) _____
Not Applicable

ITEM NUMBER(S) _____
Not Applicable

QUOTE ID(S) _____
Q013672

CONSUMER TESTING LABORATORIES, INC.



Dannon Rose
CATEGORY MANAGER, HARDLINES TESTING

CONSUMER TESTING LABORATORIES, INC.



Chris Dahl
DIRECTOR, HARDLINES TESTING

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Manufacturer : R&F Chemical Co., Ltd
Address : A7-011, 550 Misa-daero, Hanam-si
Gyeonggi-do, Republic of Korea (12925)
Tel. +82-31-8027-3735
Fax. +82-31-8027-3738
Product Name : Anti-microbial Film

Analytical Chemistry Report

ARHL0789827

Test Summary

Specification / Test Type	Result
1) Food Contact Material Testing - 21 CFR Part 175 - 181	Pass

Component List

Component	Description
1	Anti-microbial film - tan

Note: Multiple component numbers on a single test line represent a composite test or combined components

Test Data

1) Food Contact Material Testing - 21 CFR Part 175 - 181

Test Method: Food Contact Materials were tested according to our 9-54 SOP with reference to Title 21 of the US Code of Federal Regulations, Parts 175 - 181.

Component: 1
21 CFR Part: 177.1520
Food Types: N/A
Temperature Condition: N/A
Material: Polyethylene (PE)

Test Performed	Limit(s)	Measured Value	Test Temperature	Test Duration	Rating
Density	0.85 - 1.00 g/cc	0.933 g/cc	-	-	-
Extraction in n-hexane	5.5 % (w/w)	1.5 % (w/w)	50°C/122°F	2 hrs	Pass
Extraction in xylene	11.3 % (w/w)	2.7 % (w/w)	25°C/77°F	1 hr	Pass

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

ND = Not Detected, LOD = Limit of Detection

Results expressed in mg/kg unless otherwise noted