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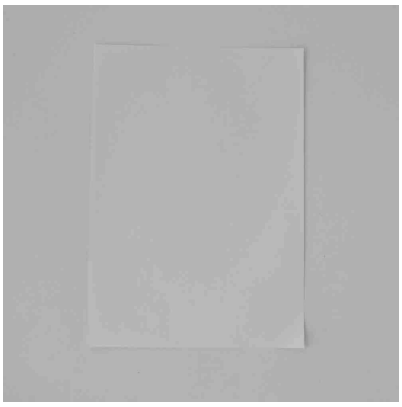

Report 2026L04171 / 1

Date of report	16. February 2026 / 18:58
Type of order	General tests
Client	Intertek Testing Services Korea Ltd., Mr. Tom Chae
Sender	Intertek Testing Services Korea Ltd.

Report	Sample
2026L04171 / 1	**Coated paper**

Identification	not specified	Received on	29/01/2026
Amount	50+ paper (A4)		
Packing	plastic bag		

Assessment

MOSH/MOAH
A contamination with mineral oil could not be identified based on online-LC-GC-FID.

Analysis

MOSH/MOAH
The food contact material was analysed by:
- Screening via a validated HPLC-GC-FID method for saturated (MOSH), aromatic (MOAH) and polyolefinic hydrocarbons (POSH) in the range of C10 to C50.

The reported values were determined without saponification and are based on the FID signals.

General remark (MOSH/MOAH)
Limits of quantification and detection (LOQ/LOD) were analytically derived from an external reference (Gravex 913) which elutes over several fractions.
Therefore, LOQ and LOD are only reported for the sum of all substances in the fractions C10-C50 instead of mathematically calculated values for each fraction.

Legal Basis of assessment

Meeting BFR 2011 Meeting BfR-Commission for articles of daily use of 14. April 2011

LOD: limit of detection
LOQ: limit of quantification
na: not in the accredited range
nd: not detectable
MU: expanded measurement uncertainty; 95 % confidence interval

Experimental conditions will be given on request. The results are only valid for the listed samples as received. It is not allowed to use a shortened version of this report nor parts of it. Our general conditions of business apply (www.sqts.ch). The maximum values quoted in each case are only maximum values in the country indicated, otherwise they are to be regarded as reference values.

Draft BedGgstV 2014	Draft of the 22nd Regulation for changing the German Regulation on food contact utensils, version: 24.07.2014
EFSA: MOSH/MOAH	Scientific Opinion on Mineral Oil Hydrocarbons in Food (EFSA Journal 2012;10(6):2704)
Draft BedGgstV 2017	Draft of the 22nd Regulation for changing the German Regulation on food contact utensils, version: 24.02.2017
10th Meeting BfR 2013	Protocol of the 10th meeting of the BfR-Commission for articles of daily use of 18.05.2013
JRC: 2017/84	Guidance on sampling, analysis and data reporting for the monitoring of mineral oil hydrocarbons in food and food contact materials

Residues / Contaminants

Parameter *Method (location)*	Result	Units	
Online LC-GC-FID (direct analysis: hexane/ethanol (50:50) V/V, 2 h / room temperature)			
MOSH / POSH C10-C16 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOSH / POSH C16-C20 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOSH / POSH C20-C25 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOSH / POSH C25-C35 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOSH / POSH C35-C40 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOSH / POSH C40-C50 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
Total MOSH / POSH (C16-C50) *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
Total MOSH / POSH (C16-C35) *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	LOQ: 5.0 LOD: 1.0
Total MOSH / POSH (C10-C50) *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	LOQ: 5.0 LOD: 1.0
MOAH C10-C16 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C16-C20 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C20-C25 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C25-C35 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C35-C40 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C40-C50 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C16-C25 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	

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Residues / Contaminants

Parameter *Method (location)*	Result	Units	
Online LC-GC-FID (direct analysis: hexane/ethanol (50:50) V/V, 2 h / room temperature)			
MOAH C16-C35 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
MOAH C35-C50 *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	
Total MOAH (C10-C50) *LSPMET20 MOSH/MOAH LC/GC-FID (Dietikon)*	**not detected**	mg/kg material	LOQ: 5.0 LOD: 1.0

Report released by: Matthias Fromm, Technical Manager
This report is signed electronically and therefore valid.

For further inquiries you can contact our customer service team:
Stefanie Förster (fcm@sqts.ch), phone number (direct) +41 58 577 10 29

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