



Get your test package!

MOSH/MOAH testing

The mineral oil hydrocarbons MOSH and MOAH can be found in packaging materials and migrate into consumer products such as food and cosmetics. The main sources of MOSH/MOAH contamination are adhesives, recycled paper and printing inks.

In order to prevent potential adverse health effects to consumers, France has severely restricted the use of these substances in printing inks for paper and cardboard packaging. The new limits concern MOAH with 1 to 7 aromatic rings and MOSH with 16 to 35 carbon atoms.

Until December 31, 2024, MOAH is prohibited in printing inks at levels greater than 1%.

As of January 1, 2025, the following regulations apply to MOSH and MOAH:

- MOAH is prohibited if the ink contains more than 0.1% or the mass concentration of compounds with 3 to 7 aromatic rings in the ink is more than 1 ppm (mg/kg).
- MOSH is prohibited if the content is more than 0.1%.

Secure market access for your products in France by proving that they comply with the new, stricter requirements. We can help you with our chemical analysis and affordable testing packages!

High precision, lower costs

MOSH/MOAH TEST PACKAGE 1

Substances	Aromatic rings	Limit value	Sample quantity	Price (Euro)	Test duration
MOAH	1–7	10 mg/kg	10 g	285,-	10 working days
MOSH	16–35				

MOSH/MOAH TEST PACKAGE 2

Substances	Aromatic rings	Limit value	Sample quantity	Price (Euro)	Test duration
MOAH	1–7	0.1 % (1,000 mg/kg)	10 g	715,-	20 working days
MOAH	3–7	0.0001 % (1 mg/kg)			
MOSH	16–35 C atoms	0.1 % (1,000 mg/kg)			

What is being tested?

The French decree applies to printing inks used for paper and board packaging. This includes packaging components such as instruction manuals or ID stickers if they are made of printed paper or board.

Testing of liquid inks is recommended. It is also possible to test the printed materials, but this is more complex. In the case of conspicuous findings, further analysis is required to determine whether the substances originate from recycling processes. These are allowed by French law.

Chemical analyses – Trust in experienced professionals

With a chemical analysis you can safeguard your products. As an experienced testing and certification body, we have been dealing with the internationally applicable limits for a wide range of chemical groups for years.

You can find out about our chemical analysis services at any time on our [website](#). Of course, our experts are also available to answer your questions and concerns in person.

CONTACT US NOW!

Why TÜV Rheinland?

GLOBAL BRAND

With more than 150 years of experience in testing, inspection and certification, we are a longstanding respected and recognized company serving major brands around the world.



ONE TEAM

Our highly experienced experts have practical knowledge of the entire product development lifecycle in addition to the tests, and certification requirements.



EFFICIENT AND RELIABLE SOLUTIONS

Our team of qualified experts located worldwide provides clarity on regulations specific to your product and simplify the testing process for multi-market access needs.



PARTNER FOR QUALITY

Our worldwide network of accredited laboratories offers our customers access to an extensive range of services with additional support in key manufacturing and destination markets.



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