



MPR_{LABS}

TESTING AND REGISTRATION OF COSMETICS

SERVICES CATALOG

MPR LABS

About us

We form a well-coordinated team of professionals full of commitment and experience, ready to cope with any challenge.

Our task is to provide comprehensive support in introducing a cosmetic product to the market. We carry out cosmetic formulas, cosmetics tests and all aspects related to the registration and notification of cosmetic products. Our additional activity is participation in scientific projects and performing microbiological tests.

**We create complete support for
Your business.**



Meet us - the founders of MPR Labs

Bearing in mind the growing needs of the cosmetics market, we met them by establishing MPR Labs. Our mission is to combine the world of science and business, offering our clients comprehensive services of the highest quality.

Łukasz Miernik

"In MPR Labs, I am responsible for contact with research units and searching for new business partners. It is my job to ensure that you are always professionally served, receive an immediate response, and that all reports are submitted on time.

From the beginning of my professional career, I have been closely related to trade and B2B and B2C contacts. I have many years of experience in conducting commercial research and managing research and development projects.

I assume that the conversation is the key to success. "



Monika Rek

"In MPR Labs, I am responsible for the safety assessment of cosmetic products and their implementation on the European market in accordance with applicable law. My job is to make sure your product is properly registered.

I am a graduate of the Faculty of Chemistry at the Maria Curie-Skłodowska University in Lublin. I have several years of experience in the cosmetics industry in assessing the safety of cosmetic products.

I help in introducing cosmetics to the European market. "

We will help you achieve success!



Our Services

Thanks to our own knowledge and cooperation with many scientific units in Poland, we are able to offer comprehensive services and support at every stage of introducing a cosmetic product to the market.



Formulating

Create your dream cosmetic formula with us



Tests

Test your cosmetic product with us



Safety Assessment

Prepare documentation for your product with us



Product registration

Register your product with us in the European CPNP database



Confirmation of product properties

We perform tests in cooperation with probants



Legislative support

Consult specialists in the field of applicable law



Safety Assessment

We carry out safety assessments of cosmetic products in accordance with the Regulation of the European Parliament and of the Council (EC) No. 1223/2009 of 30 November 2009 on cosmetic products and we prepare all the necessary documentation.

BASIC SERVICES

- Cosmetic product safety assessment - issuing a safety report
- Verification of the correctness of the labeling and the content of the label
- Company registration in CPNP
- Product notification in CPNP

ADDITIONAL SERVICES

- Creation of cosmetic product safety certificates
- Calculation of naturalness indexes in accordance with ISO 16128
- Specialist opinions on the product or composition
- Creation of cosmetic raw materials dossiers
- Preparation of preliminary toxicological analyzes of recipes



Tests

We work with a team of qualified scientists and laboratories specializing in product research. We offer a wide range in the field of cosmetics research.

BASIC TESTS

- Microbiological purity
- Maintenance test / Challenge Test
- Stability and compatibility of the mass with the packaging together with PAO
- Physicochemical analyzes of cosmetic mass
- Determination of water activity

ADDITIONAL TESTS

- Basic and extended dermatological examination
- Apparatus and application tests
- In vivo and in vitro UVA and SPF testing
- Phototoxicity and photoallergy testing
- Water resistance test
- Determination of heavy metals
- Determination of allergens, peroxide number, flash point

Innovative research

We develop research in close cooperation with research units and analyzes responding to the complex needs of customers from all over the world.

- Assessment of the microbiome of the scalp and mucous membranes
- In-vitro anti-radical activity test (antioxidant properties of the product)
- SPF and Blue Light studies
- Examination for the admissibility of halal common law
- Determination of cannabinoids
- Determination of ammonia in the sample
- Determination of nitrosamines
- Minor test (antiperspirant properties)
- Assessment of the ability to create a biofilm structure

We design individual research on your request!





Biodegradability of the product

The assessment of cosmetic biodegradation is determined using the OxiTop® Control respirometric method. The respirometric principle of determining oxygen consumption is based on the use of oxygen by organisms while releasing carbon dioxide during respiration. The latter gas is bound by an absorbing agent and does not appear as a free gas. Consequently, the change in pressure is attributed only to oxygen consumption. Biodegradation is carried out at 20°C for a certain period of time, e.g. 5 days (BOD5), we recommend checking up to 28 days (in conservation tests, tests are carried out up to 28 days). The result is given in mgO₂/kg cosmetic weight at the specified time.

**Have an impact on the environment -
be eco!**



HYPOALLERGY PACKAGE

Hypoallergenicity of a cosmetic means that it has been formulated to minimize its potential sensitizing properties. Using hypoallergenic cosmetics minimizes the risk of an allergic reaction. Hypoallergenic cosmetics are dedicated especially to sensitive skins prone to allergies and irritation. The ingredients contained in these products should have the lowest possible allergenic potential.

The package includes:

- composition evaluation by SA
- sensitive dermatology
- application test of 20 os
- dermatologist's final opinion

**Check if your cosmetic meets the criteria
for hypoallergy !**



CLEAN BEAUTY

In recent years, there has been an increasing interest in ecological, natural or organic cosmetics. We are a company that pays attention to the environment. We will check your product for content:

- no ingredients of animal origin
- sunscreen ingredients, additives and preservatives that may be toxic to coral reefs
- environmentally unfriendly ingredients, such as mineral oils, silicones
- synthetic fragrances or synthetic dyes.

Thanks to our assessment, you can apply for the Clean Beauty certification

Change the world with us for the better place!



Microbiome test

The test is based on the quantitative assessment of the probants' microbiome and qualitative before and after a 4-week use of the cosmetic. Identification of the grown microorganisms is carried out on the basis of the morphology of the colonies, the morphology of cells in stained preparations and on the basis of identification biochemical features. The report contains indications whether the tested cosmetic does not change the microbiome and whether the product has a protective effect on the microbiome, e.g. by eradicating unwanted bacteria on the skin.

**Check if your product has a positive effect
on the bacterial flora of the skin!**





SPF test

UVB protection is determined by measuring the SPF (Sun Protection Factor). SPF is just part of the UVB - ultraviolet energy from the sun. UVB energy causes redness and sunburn on the skin. SPF is tested on 10-15 people. Then a comparison is made of the time it takes for UVB rays to redden the skin. Tests are performed according to:

- ISO 24443 - in-vitro method recommended by Cosmetics Europe
- PA method (Protection Grade of UVA) - used in several Asian countries, e.g. Japan and South Korea.
- Broad Spectrum method used in USA and Canada (FDA)

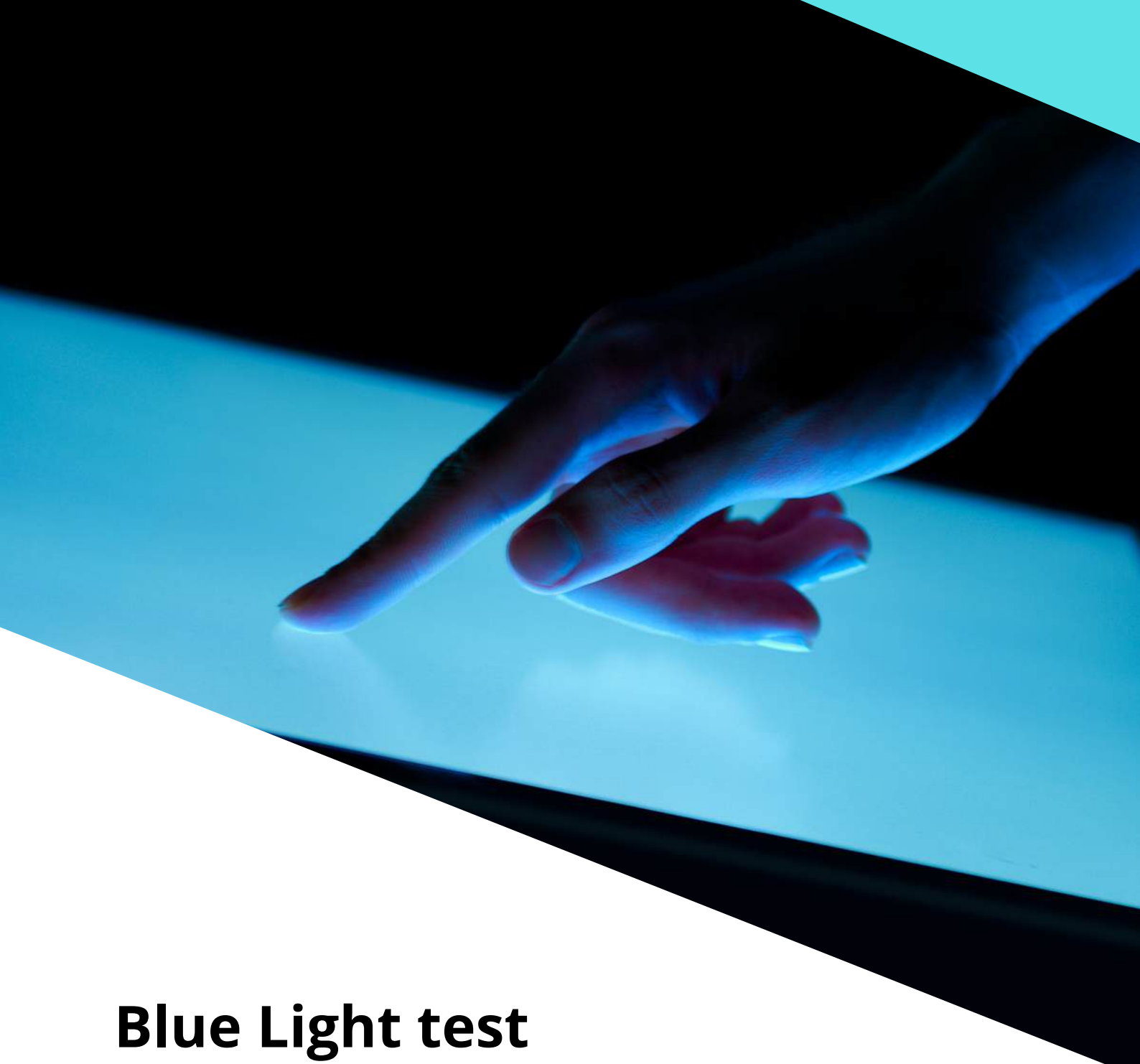
Check how long you can stay in the sun after applying your product!



Test of antioxidant properties

The test of the antioxidant properties of a cosmetic product is aimed at determining the effect of the product on antioxidants in the form of chemical compounds whose task is to neutralize free oxygen radicals. Free oxygen radicals are molecules responsible for the aging processes - they damage proteins, including collagen and elastin fibers, as well as lipids.

Eternal youth is only possible thanks to your products!



Blue Light test

The Blue Light (HEV) test determines the effect of a cosmetic on the release of oxidative stress. It is responsible for destroying skin cells. HEV radiation penetrates the skin deeper than the equally dangerous UV radiation. Blue light is generated, for example, by TV screens or telephones. It shortens the viability and proliferation of fibroblasts, and can also cause DNA damage.

Check if your cosmetic protects your skin against blue light emitted by electrical devices!



Halal Research

The word "halal" means: everything in accordance with Islamic law. The largest markets for Halal products are currently three countries located in the MENA region: Saudi Arabia, United Arab Emirates and Egypt. Products without alcohol, animal fat and other toxic ingredients prohibited by Islam are a rapidly growing segment in many sectors of the economy. We carry out tests for you, determining the content of animal DNA (detection limit $\leq 0.001\%$) and the percentage of ethanol content in the sample $\leq 0.01\%$. With our research results, you can offer your products to new customers.

Enter new markets with your product!

Create your innovative ecological cosmetic with us!

Our team consists of experienced technologists and scientists who know the world's cosmetic trends. With us you can:

- Create a recipe
- Do the necessary tests
- Develop additional declarations for your product
- Recive legal support
- Register the product in accordance with applicable law in the European Union, Canada or Great Britain

We will help you achieve success!





Sample offer for water products for normal skin

1. Microbiological purity
2. Maintenance test (Challenge Test)
3. Dermatological examination
4. Testing the stability and compatibility of the mass with the packaging
5. Preparation of the Safety Assessment Report
6. Verification or creation of a label for a product
7. Product registration in the CPNP database

Estimated total cost: 530 € / net

The presented price offer is informative and does not constitute a commercial offer within the meaning of Article 66 paragraph 1 of the Polish Civil Code.



Sample offer for anhydrous products for sensitive skin

1. Water activity testing
2. Extended dermatological examination
3. Testing the stability and compatibility of the mass with the packaging
4. Preparation of the Safety Assessment Report
5. Verification or creation of a label for a product
6. Product registration in the CPNP database

Estimated total cost: 470 €/ net

The presented price offer is informative and does not constitute a commercial offer within the meaning of Article 66 paragraph 1 of the Polish Civil Code.

Our partners

Thanks to the cooperation with many research units, laboratories and institutions, we are able to provide comprehensive services for the marketing of cosmetic products.





MPR_{LABS}

CONTACT WITH US

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