

**TITLE OF THE STUDY**

IN VITRO UVA PF EVALUATION WITH PRE-IRRADIATION  
IN VITRO CRITICAL WAVELENGTH EVALUATION WITH PRE-IRRADIATION  
ACCORDING TO PN-EN ISO 24443:2021 METHOD

**DERMSCAN POLAND STUDY NUMBER**

22E4432-1PL

**TEST ITEM**

MRX014-2 SPF 50 Blemish Control

	<b>STUDY REPORT</b>	22E4432-1PL
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## 1. SUMMARY

<b>Name and address of Sponsor</b>	<b>PELHAM GROUP</b> Unit 2, 3 & 4A Old Station Yard Station Road, Petworth, West Sussex GU28 OJF UNITED KINGDOM
<b>Name and address of test facility</b>	<b>Eurofins Dermscan Poland</b> Ul. Matuszewskiego 12 80 - 288 GDANSK POLAND Telephone: + 48 58 732 02 90 www.dermscan.pl
<b>Name and address of study director</b>	<b>Artur Grzeńkiewicz</b> Ul. Matuszewskiego 12 80 - 288 GDANSK POLAND Telephone: + 48 58 732 02 90 www.dermscan.pl
<b>Study initiation date (dd/mm/yyyy)</b>	2023.02.10
<b>Study completion date (dd/mm/yyyy)</b>	2023.02.15
<b>Experimentation date (dd/mm/yyyy)</b>	2023.02.10
<b>Estimate number</b>	22D4432
<b>Dermscan France study number</b>	NA
<b>Dermscan Poland study number</b>	22E4432-1PL
<b>Dermscan test item number</b>	22P4432-1PL
<b>Test item identification</b>	MRX014-2 SPF 50 Blemish Control
<b>Reference on the sample (if different)</b>	NA
<b>Formula name</b>	NA
<b>Batch number</b>	NA
<b>SPF in vivo (ISO 24444:2019)</b>	<b>63.7 Full study (10 valid results)</b>
<b>Results</b>	<b>UVAPF = 26,7</b> <b>CRITICAL WAVELENGTH = 378</b>
<b>Classification</b>	<b>Good UVAPF protection</b> <b>Guarantee a Critical Wavelength protection</b>

## 2. PURPOSE OF THE STUDY

The purpose of this study is to determine the in vitro UVA protection factor of a sun protection against UVA radiation (UVAPF), which can be derived mathematically with in vitro spectral modelling, by an in vitro test, using UV Spectrophotometer, in accordance to ISO 24443 method.

**PELHAM GROUP 22E4432 (MRX014-2 SPF 50 Blemish Control)**