

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

22E2956-5PL

TEST ITEM

MRX012-1

1. SUMMARY

Name and address of Sponsor	PELHAM GROUP Unit 2, 3 & 4A Old Station Yard Station Road, Petworth, West Sussex GU28 OJF UNITED KINGDOM
Name and address of test facility	Eurofins DermScan Poland Ul. Matuszewskiego 12 80 - 288 GDANSK POLAND Telephone: + 48 58 732 02 90 www.dermscan.pl
Name and address of study director	Artur Grzeńkiewicz Ul. Matuszewskiego 12 80 - 288 GDANSK POLAND Telephone: + 48 58 732 02 90 www.dermscan.pl
Study initiation date (dd/mm/yyyy)	2022.12.01
Study completion date (dd/mm/yyyy)	2022.12.06
Experimentation date (dd/mm/yyyy)	2022.12.02
Estimate number	22D2956
DermScan France register number	22E2956
DermScan Poland study number	22E2956-5PL
DermScan test item number	22P2954-5PL
Test item identification	MRX012-1
Reference on the sample (if different)	SPF 50 Whip MRX012-1
Formula name	NA
Batch number	1791
SPF in vivo	49.4
Results	UVAPF = 26.6 CRITICAL WAVELENGTH = 381
Classification	Good UVAPF protection Guarantee a Critical Wavelength protection

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.