

COSMETIC EFFICACY TESTING

DERMOCOSMETIC LABORATORY TESTING Clinical Services

Claims substantiation and
R&D marketing support

Test & Trust. The most reliable results.

Dermaclaim Lab is a **Dermocosmetic Testing Laboratory** focused on the **Substantiation of Efficacy Claims** for active ingredients and end-products, through **in vitro bioassays** and **clinical testing** in human volunteers.

Our R&D testing services help you to demonstrate the efficacy of your products, increasing your scientific marketing and sales potential. We provide you with high-quality R&D testing and counseling, focused on your marketing and sales needs.

We offer one of the **best scientific reports** in the market, **reliable results** with **rigorous protocols**, and customer support with **fast response** and immediate attention. We use the most **innovative and cutting-edge** equipment and technologies, with full **transparency** (the customer has complete access to raw data), following a **high quality-to-cost ratio** and **quality** system standards (ISO 9001:2015, ISO 27001:2022, CIR...).

Our **mission** is to ensure the generation of accurate and innovative findings to substantiate the marketing **claims**. The company was born from the desire to offer the **most reliable** testing service, based on our passion for excellence and unique focus for **quality**. Dermaclaim is your **"Test & Trust" partner**.



Test & Trust. The most reliable results.

Dermaclaim provides reliable, fast, and cost-effective testing



Accurate and reliable product testing focusing on your marketing



PYME INNOVADORA



WHY DERMACLAIM?

- 01** **Fast response** and **immediate attention** to any query. High-quality customer support.
- 02** One of the **most complete scientific reports** in the market.
- 03** **Reliable results** with **rigorous protocols** (compliance, replicates, statistics...).
- 04** **Latest equipment** and **cutting-edge technologies**, both for in vitro and clinical.
- 05** **Duplicate for all the clinical equipment**, to avoid discontinuity due to technical issues.
- 06** **Full transparency** (complete access to raw data).
- 07** **High quality-to-cost ratio**, cost-effective testing.
- 08** **Flexibility** and custom-made studies for **all-sizes customers**.
- 09** **Deep know-how and expertise**. Team with +1.700 projects and 11+ years in the industry.

- 10** Optimal technical **study conditions** in **continuous improvement**.
- 11** Special focus on the **clinical recruitment** taking care of every detail.
- 12** **Research & Development collaborations** with public and private organisms.
- 13** Strategies, processes and policies developed under **quality system standards** (ISO 9001:2015, ISO 27001:2022, Crédit d'Impôt Recherche, Pyme Innovadora)



IMPROVING RESULTS WITH RIGOROUS PROTOCOLS

The most important part of a clinical trial is **the panel recruitment**. At Dermaclaim, we are aware that results improve with rigorous recruitments and protocols, and we are focused on that:

Improved compliance
(adherence): Strict
consumption control + Dairy

More technical replicates to
improve reliability and
reproducibility of the results

Clinical Expert Evaluation
scales for more than 50
different parameters

15 min. acclimatization +
Controlled atmospheric
conditions (23°C | 45 % HR).

Improved topical application
procedures through instructional
guidelines by aesthetician

Duplicate financial
compensation for the best
volunteers in each study

Washout phase (2 weeks) +
Interval between studies (6-8
weeks)

Clinical protocols meeting all
international standards (ICH, GCP,
Declaration of Helsinki...)

Adverse reactions technical
report for each volunteer in
case of AE-UE-SUE

Clinical devices & equipment
in duplicate, to avoid
discontinuity.

Ongoing update (inclusion of
new volunteers and deletion
of non-compliance ones)

Database & agenda
management using Clinic
Cloud premium platform

3D SKIN TOPOGRAPHY: AEVA-HE V4

- ✔ Stable and repeatable positioning and re-positioning at different times points
- ✔ High-resolution with automatic operation (no manual selection of the ROI)
- ✔ All Field of Views (S-M-L-XL). More flexibility (from wrinkles reduction to body reshaping).
- ✔ Based on a patented fringe projection unit combined with active stereometry.
- ✔ Camera is installed on the VisioTOP-500 (face) or Tripod Manfrotto (body).



RELIABILITY • REPEATABILITY • REPRODUCIBILITY

3D SKIN TOPOGRAPHY: C-CUBE 3 CR

- ✔ Unmatched dermoscopic image quality (maximum image sharpness)
- ✔ High-resolution 2D and 3D analysis (color, spectral, profilometry, hair...)
- ✔ Versatile and ergonomic (lightweight, most suitable device for small and difficult areas)
- ✔ Ultra precision and unique accuracy (very low error margin < 0.1 %).
- ✔ Software adapted to simplify consultation management

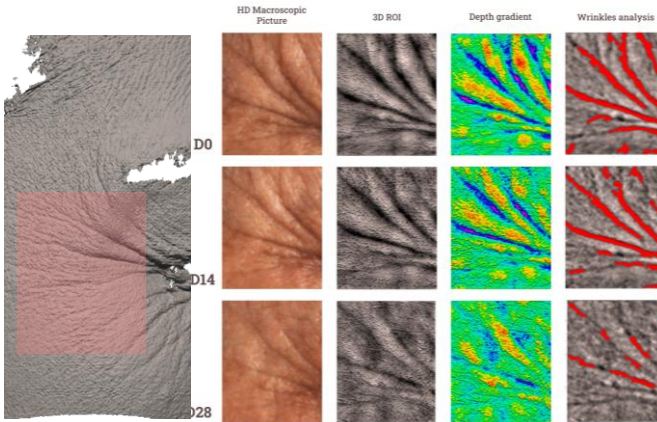


RELIABILITY • REPEATABILITY • REPRODUCIBILITY

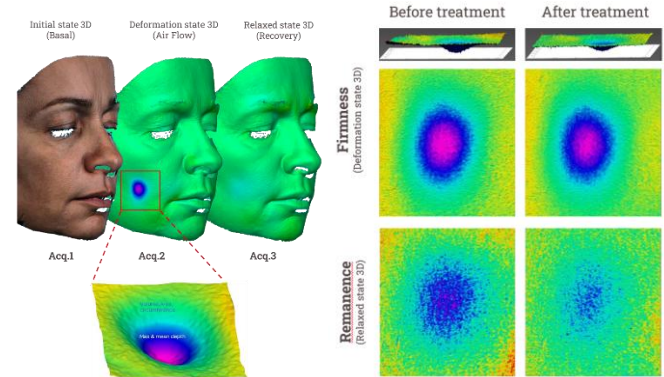


3D SKIN TOPOGRAPHY – WRINKLES

CLAIM	REFERENCE	BIOMARKERS
ANTI-WRINKLES	DC.CL-AW-077	<ul style="list-style-type: none"> Area (mm²) + Number (N) + Perimeter (mm) + Depth (mm) + Volume (mm³) Area (mm²) + Density (%)
WRINKLES & FINE LINES (FULL FACE)	DC.CL-WD-078	
Area-specific assessment after 3D modeling and face reconstruction. Wrinkles density can be also assessed for global face.		
AREAS	Forehead, crow's feet, glabellar, nasolabial, perioral, global face, etc....	
TECHNOLOGY	AEVA-HE V4 (FoV, S-M) C-Cube 3 CR	



CLAIM	REFERENCE	BIOMARKERS
3D FIRMNESS & REMANENCE	DC.CL-AG-144	<ul style="list-style-type: none"> 3D Firmness Remanence/Elasticity Area, perimeter, depth, volume
Area-specific assessment after 3D modeling submitted to compression/deformation using air flow.		
AREAS	Whole-face	
TECHNOLOGY	AEVA-HE V4 + Dynaskin2	



* All of our clinical tests include a self-assessment questionnaire, macroscopic digital pictures, marketing pictures, dermatologically tested and clinically tested.

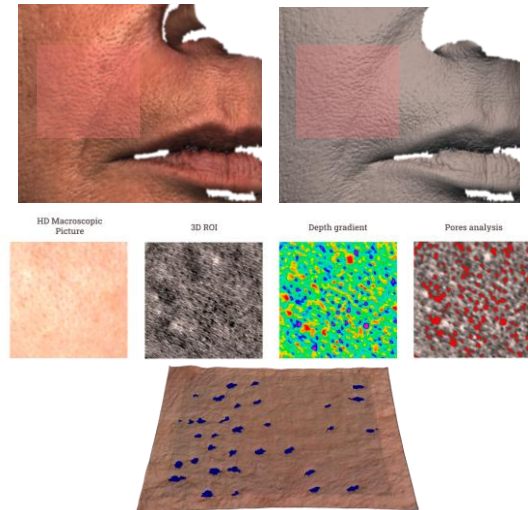
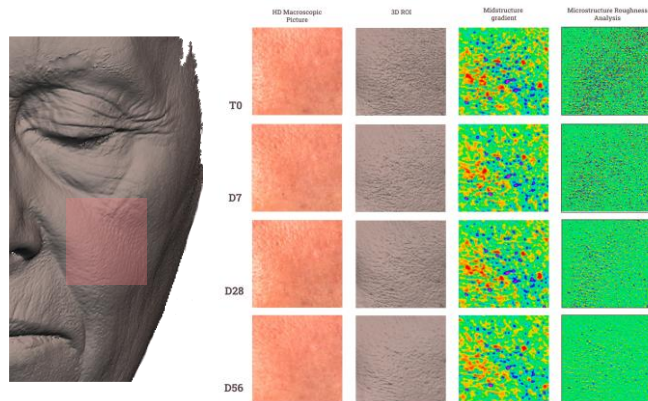
** Protocols are adapted according to customer's needs (number of volunteers, biomarkers, measurements, length, questionnaires, etc.)

3D SKIN TOPOGRAPHY – ROUGHNESS & PORES



CLAIM	REFERENCE	BIOMARKERS
SMOOTHING TIGHTENING	DC.CL-RG-079	<ul style="list-style-type: none"> • Profile roughness (Rt, Rz, Ra, Rq, Lr) • Surface roughness (Sa, St, Sq, Sr, Stm)
Surface and skin texture assessment after 3D modeling of the ROI.		
AREAS	Cheek-nose, cheekbone, forehead, crow's feet, glabellar, nasolabial, perioral, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, S) C-CUBE 3 CR	

CLAIM	REFERENCE	BIOMARKERS
ANTI-PORES	DC.CL-PO-080	<ul style="list-style-type: none"> • Area (mm²) • Number (N) • Perimeter (mm) • Depth (mm) • Volume (mm³)
Area-specific assessment of objects (pores) by local curvature method.		
AREAS	Cheek-nose, cheekbone, perioral, forehead, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, S) C-Cube 3 CR	

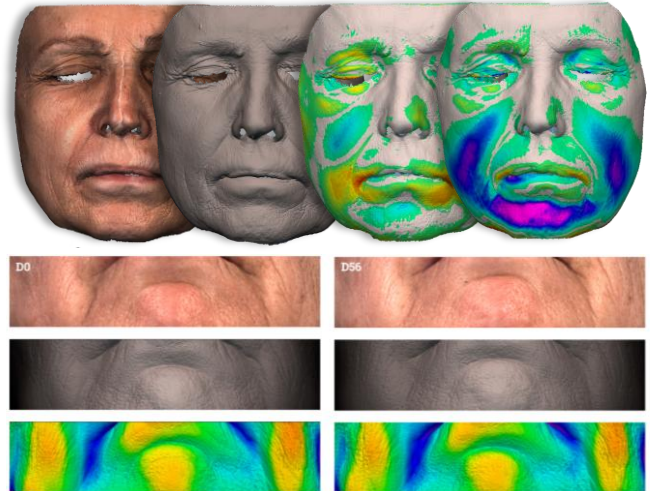
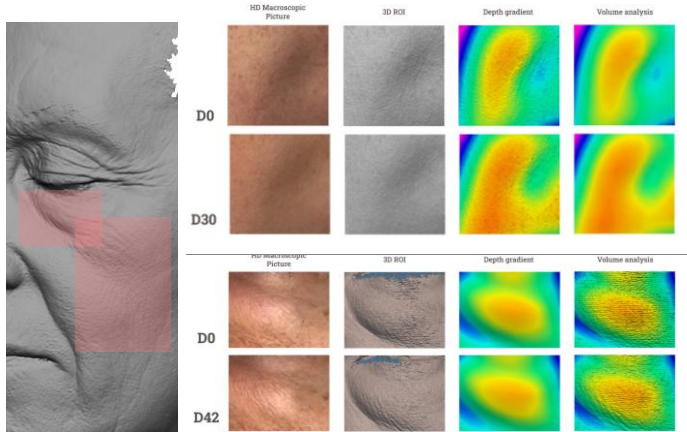




3D SKIN TOPOGRAPHY – VOLUME & FACE SHAPE

CLAIM	REFERENCE	BIOMARKERS
VOLUMIZING ANTI-EYE BAG ANTI-SAGGING	DC.CL-VO-081	<ul style="list-style-type: none"> Area (mm²) Volume (mm³)
Area-/Global assessment in volume after modeling and 3D reconstruction.		
AREAS	Eye bag, cheek, neck, face oval, chin, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, M-L)	

CLAIM	REFERENCE	BIOMARKERS
FACE LIFTING REMODELING	DC.CL-FS-082	<ul style="list-style-type: none"> Volume (mm³) ROI Area (mm²) ROI Section length (mm) ROI
Face oval remodeling and face shape geometry assessment after 3D modeling and reconstruction.		
AREAS	Face oval, cheekbone, chin, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, L-XL)	

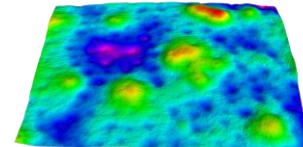
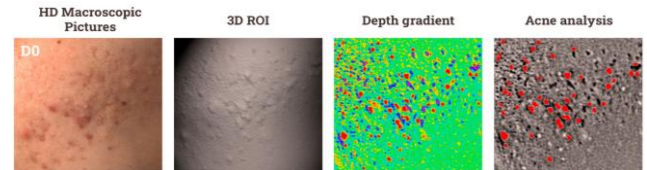
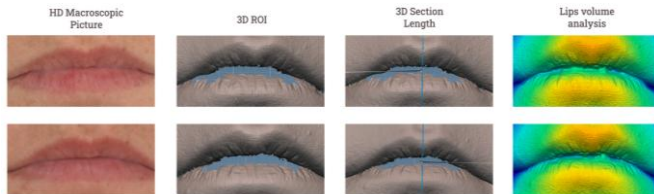
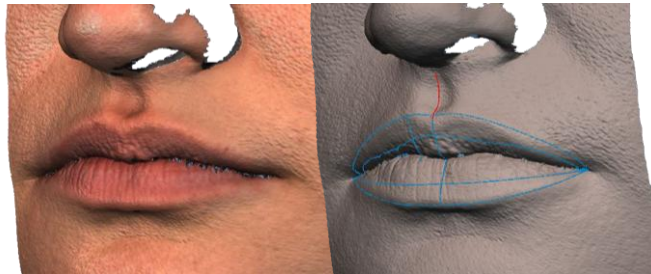


3D SKIN TOPOGRAPHY – LIPS & ACNE



CLAIM	REFERENCE	BIOMARKERS
LIPS & CUPID'S BOW REMODEL	DC.CL-LV-083	<ul style="list-style-type: none"> Volume (mm³) Width (mm) Upper/Lower length (mm) Circularity Distance/Angle
Area specific assessment after modeling and 3D reconstruction.		
AREAS	Lips / Cupid's bow	
TECHNOLOGY	AEVA-HE V4 (FoV, M-L)	

CLAIM	REFERENCE	BIOMARKERS
ANTI-ACNE	DC.CL-AA-084	<ul style="list-style-type: none"> Area (mm²) Number (N) Perimeter (mm) Min/Max Height (mm) Volume (mm³)
Area-specific assessment for bumps and pimples, by local curvature method.		
AREAS	Forehead, cheek, nose, chin, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, M-L) C-Cube 3 CR	

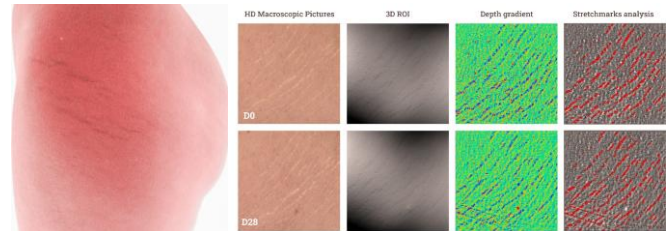
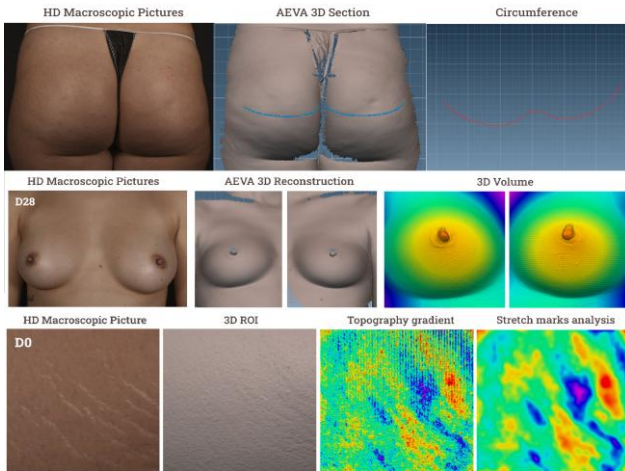




3D SKIN TOPOGRAPHY – BODY REMODELING

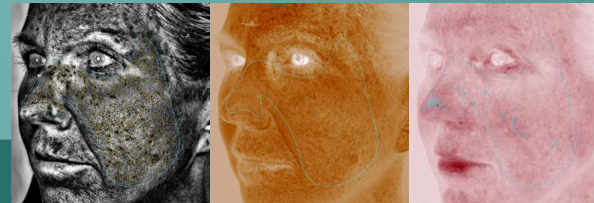
CLAIM	REFERENCE	BIOMARKERS
ANTI-CELLULITIS SLIMMING	DC.CL-CL-097	<ul style="list-style-type: none"> Volume (mm³) Circumference (mm)
Area-/Global assessment in volume after modeling and 3D reconstruction.		
AREAS	Abdomen, belly, thighs, booty, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, XL)	

CLAIM	REFERENCE	BIOMARKERS
ANTI-STRETCH MARKS / SCARS	DC.CL-SM-098	<ul style="list-style-type: none"> Topography 3D (area, number, perimeter...) Volume 3D (mm³) Redness 2D and uniformity Skin tone (CIE, RGB, ITA)
Assessment of stretch marks and scars, including 3D modeling for volume and roughness.		
AREAS	Belly, thighs, booty, etc.	
TECHNOLOGY	AEVA-HE V4 (FoV, L-XL)	



2D COLORIMETRY: VISIA-CR

- Multi-spectral standardized lighting for enhanced visualization (highly reproducible imaging)
- Full-face capture and flexible ROIs for analysis (regions of interest adapted to each biomarker)
- Rich color channel segmentation with RBX® technology (red and brown spots, porphyrins...)
- Objective, quantitative analysis with advanced software integration
- Assess dynamic expression with VISIA-CR's video capture



RELIABILITY • REPEATABILITY • REPRODUCIBILITY

2D COLORIMETRY: HEADSCAN BENCH

- ✔ Calibrated digital photographic image acquisition through balanced color chart
- ✔ Robust graduated 180° Head-bench ensuring reproducible re-positioning for optimal analysis
- ✔ All-in-one software with multiple biomarkers to be assessed: color, pigmentation, homogeneity...
- ✔ Flexible system offers local (ROI) to global analysis (full face) at different timepoints
- ✔ Software dedicated to quantitative colorimetric and morphological analysis



RELIABILITY • REPEATABILITY • REPRODUCIBILITY

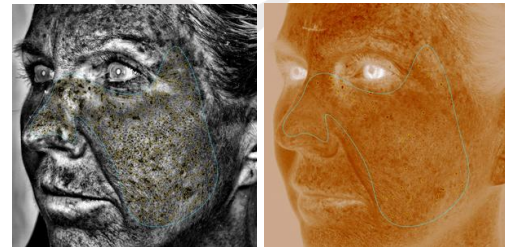
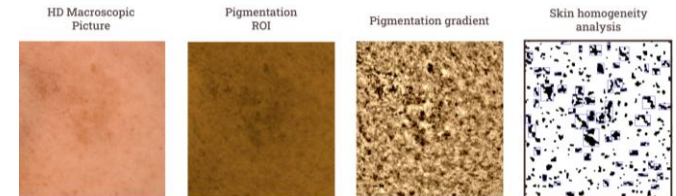
COLORIMETRY – SKIN PIGMENTATION



CLAIM	REFERENCE	BIOMARKERS
WHITENING SKIN TONE	DC.CL-WH-085 DC.CL-ST-086	<ul style="list-style-type: none"> Color (CIELab) Color (ITA°) Melanin (A.U.) Erythema (A.U.)
Area (specific ROI) and global (whole face) assessment of skin tone.		
AREAS	Cheek, forehead, whole face, etc.	
TECHNOLOGY	FrameScan Visia-CR Mexameter MX18 Colorimeter CL 400 C-Cube 3 CR	



CLAIM	REFERENCE	BIOMARKERS
DARK SPOTS HOMOGENEITY	DC.CL-DS-087	<ul style="list-style-type: none"> Number (N) Area (mm²) Perimeter (mm) Homogeneity Contrast
Area (ROIs) specific assessment of spots morphology and skin homogeneity.		
AREAS	Cheek, forehead, nose, whole-face, custom	
TECHNOLOGY	FrameScan Visia-CR C-Cube 3 CR	



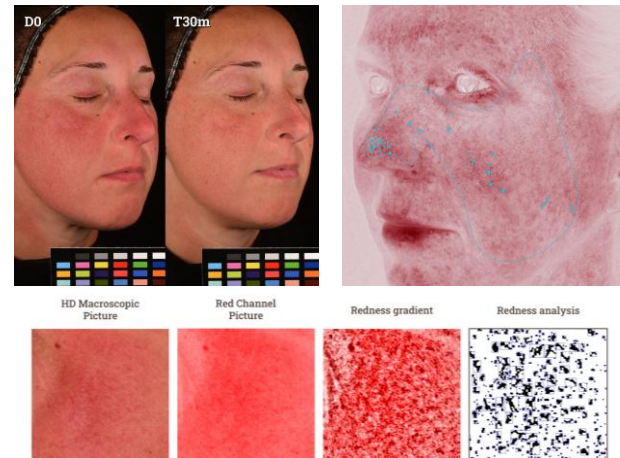


COLORIMETRY – BRIGHTNESS & REDNESS

CLAIM	REFERENCE	BIOMARKERS
BRIGHTNESS SKIN RADIANCE	DC.CL-BR-088	<ul style="list-style-type: none">LightnessSpec. brightDiff. brightGlobal rate
Area/Global assessment of skin brightness and radiance		
AREAS	Cheek, forehead, nose, whole-face, custom	
TECHNOLOGY	FrameScan Visia-CR Glossometer GL-200	



CLAIM	REFERENCE	BIOMARKERS
VASCULARIZATION ERYTHEMA	DC.CL-AR-089	<ul style="list-style-type: none">Red colorArea (mm²)HomogeneityErythema (A.U.)
Area-specific assessment of skin redness and vascularization.		
AREAS	Cheek, forehead, nose, whole-face, custom	
TECHNOLOGY	FrameScan Visia-CR Mexameter MX18 C-Cube 3 CR	



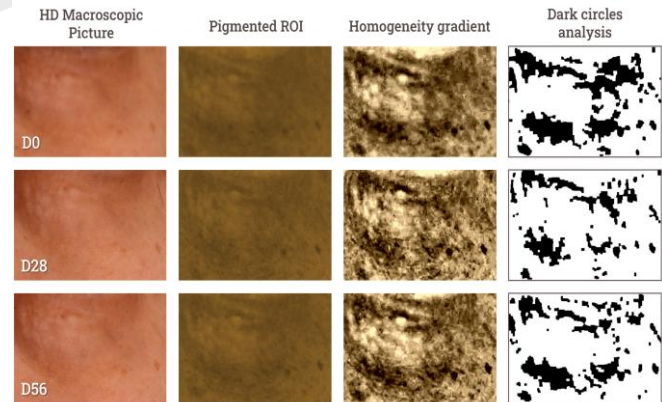
COLORIMETRY – PORPHYRINS & DARK CIRCLES



CLAIM	REFERENCE	BIOMARKERS
WHITENING SKIN TONE	DC.CL-PR-153	<ul style="list-style-type: none"> Area Number Perimeter
Area (specific ROI) assessment of porphyrins using blue light irradiation		
AREAS	Nose-cheek, whole face.	
TECHNOLOGY	Visia-CR	



CLAIM	REFERENCE	BIOMARKERS
ANTI-DARK CIRCLES	DC.CL-DC-091	<ul style="list-style-type: none"> Area (mm²) Occupation Contrast Homogeneity
Area (ROIs) specific assessment of dark circles morphology and contrast.		
AREAS	Dark circles under eyes	
TECHNOLOGY	FrameScan Visia-CR C-Cube 3 CR	





LONG-LASTING & WATERPROOF/SWEATPROOF

CLAIM	REFERENCE	BIOMARKERS
COLOR FOLLOW-UP LONG-LASTING	DC.CL-CS-090	<ul style="list-style-type: none"> Occupied area (mm²) Color (CIELab) Red, green, blue (RGB)
Area-specific assessment of color follow-up for lipsticks, make-up, eyeliners...		
AREAS	Lips, face (make-up, foundation), nail products, eyes, etc.	
TECHNOLOGY	FrameScan	

CLAIM	REFERENCE	BIOMARKERS
WATERPROOF SWEATPROOF SMUDGEPROOF NO TRANSFER	DC.CL-WP-118	<ul style="list-style-type: none"> Occupied area (mm²) CIELab color space RGB color space
Area-specific assessment of color follow-up for lipsticks, make-up, eyeliners, etc.. after waterproof and/or sweatproof protocols.		
AREAS	Lips, face (make-up, foundation), nail products, eyes, etc.	
TECHNOLOGY	FrameScan Visia-CR	

HD Macroscopic

Color stability analysis



OTHER TECHNOLOGIES

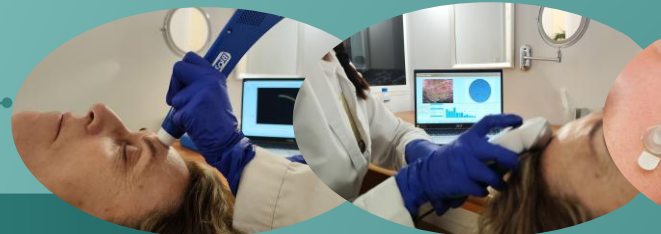
☞ **Courage-Khazaka devices** (Corneometer CM 825, Cutometer MPA Dual 580, Tewameter HEX, Tewameter Nano, Glossymeter GL-200, Colorimeter CL-400, Mexameter MX 18, Echograph UltraScan UC22, Indentometer IDM800, Visiopor PP-34, NailStrain Stress Meter, Sebuffix F-16, Corneofix CF20, Visioscope PC-35)



☞ **Delfin-Technologies devices** (VapoMeter, MoistureMeter SC, MoistureMeter EpiD, SebumScale, ElastiMeter...)



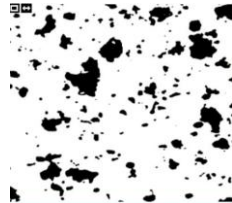
☞ **Other devices** (TrichoScan HD 4.0, AquaFlux AF200, MyotonPRO 1B, IR Camera EvaTherm)



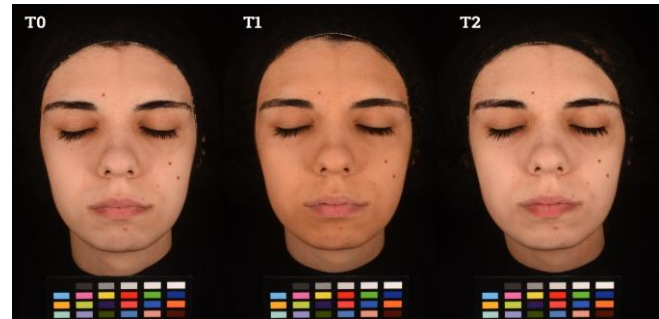
RELIABILITY • REPEATABILITY • REPRODUCIBILITY

CLEANSING & OILY SKIN

CLAIM	REFERENCE	BIOMARKERS
ANTI-SEBUM CLEANSING	DC.CL-AS-092	<ul style="list-style-type: none"> Sebum ($\mu\text{g}/\text{cm}^2$) Sebaceous glands (N and mm^2)
Area-specific assessment of sebum and sebaceous glands in oily skin volunteers.		
AREAS	Forehead, nose-cheek, nose.	
TECHNOLOGY	Sebumeter SM 815 Sebifix F-16 C-Cube 3 CR SebumScale	



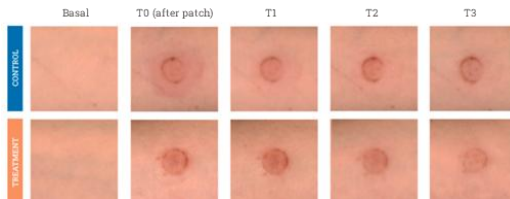
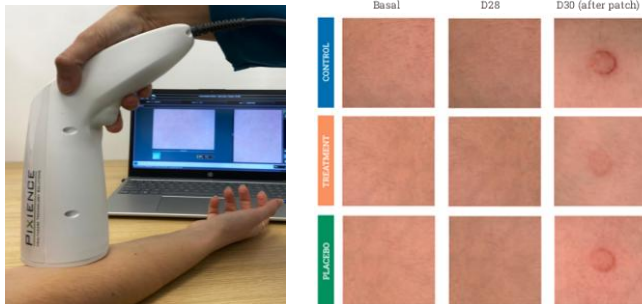
CLAIM	REFERENCE	BIOMARKERS
MAKE-UP CLEANSING ANTI-POLLUTION	DC.CL-DC-093 DC.CL-AP-152	<ul style="list-style-type: none"> Area (mm^2) Color (CIElab) Occupied area (mm^2)
Assessment of cleansing properties after applying make-up or hand-made sebum oil.		
AREAS	Nose-cheek	
TECHNOLOGY	Visia-CR FrameScan C-Cube 3 CR	



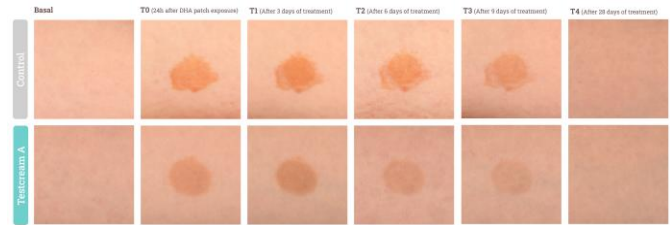
SOOTHING, REGENERATION, AND EXFOLIATION



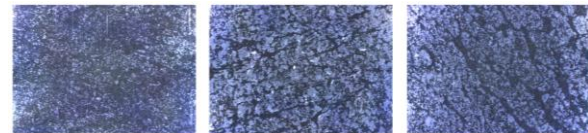
CLAIM	REFERENCE	BIOMARKERS
REINFORCING SOOTHING ANTI-IRRITATING	DC.CL-AI-094A DC.CL-AI-094B	<ul style="list-style-type: none"> Redness (erythema) Barrier function (TEWL)
Assessment of skin reinforcing/anti-irritating capabilities with treatment applied before/after SLS occlusive patch, compared to placebo/untreated.		
AREAS	Forearms	
TECHNOLOGY	Mexameter MX 18 Tewameter HEX AquaFlux AF200 Tewameter Nano VapoMeter C-Cube 3 CR	



CLAIM	REFERENCE	BIOMARKERS
SKIN REGENERATING	DC.CL-RG-107	<ul style="list-style-type: none"> Melanin (A.U.) / Skin tone
Area-specific assessment of cell turn-over after inducing pigmentation (DHA).		
AREAS	Forearms	
TECHNOLOGY	Mexameter MX 18 Colorimeter CL 400 C-Cube 3 CR	



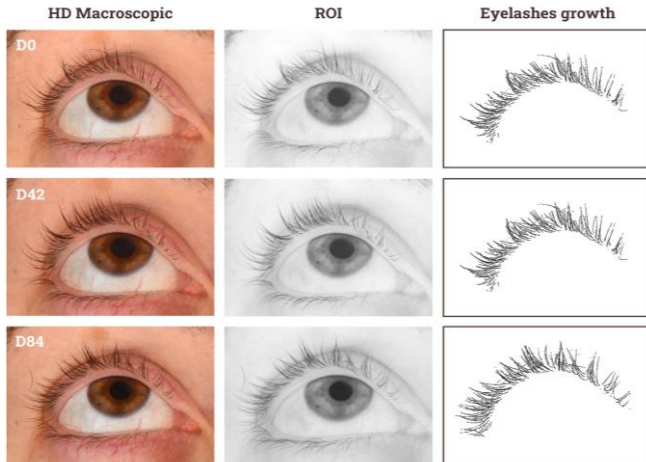
CLAIM	REFERENCE	BIOMARKERS
EXFOLIATING	DC.CL-EF-106	<ul style="list-style-type: none"> Corneocytes (number, size)
Area-specific assessment of corneocytes levels after tape-stripping.		
AREAS	Forearms / Face	
TECHNOLOGY	Corneofix CF 20 + Visioscope Color PC 35 C-Cube 3 CR	



EYELASHES & EYEBROWS

CLAIM	REFERENCE	BIOMARKERS	
EYELASH GROWTH	DC.CL-EL-095	<ul style="list-style-type: none"> Number (N) Length (mm) Width (mm) 	<ul style="list-style-type: none"> Volume (mm³) Curvature (°) Elevation
Eyelashes assessment for real and perceived (mask) effects.			
AREAS	Eyelashes		
TECHNOLOGY	FrameScan		

CLAIM	REFERENCE	BIOMARKERS	
EYEBROWS GROWTH	DC.CL-EB-095	<ul style="list-style-type: none"> Density (px) Arc length (px) Height (px) Thickness Median / Mean 	
Eyebrows growth assessment for real effects.			
AREAS	Eyebrows		
TECHNOLOGY	FrameScan Echograph UltraScan UC22 C-Cube 3 CR		

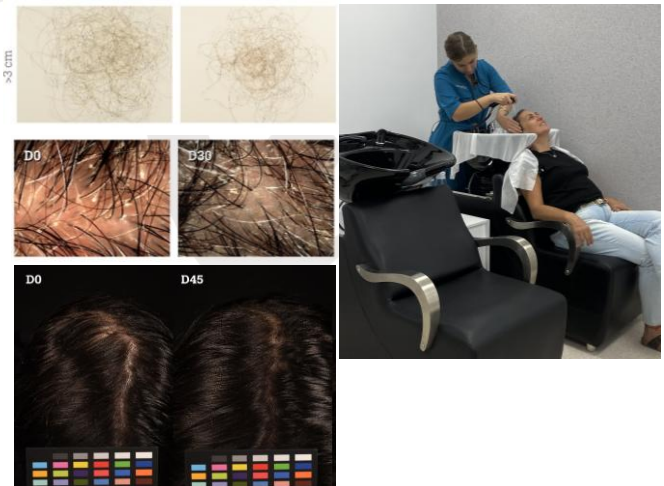
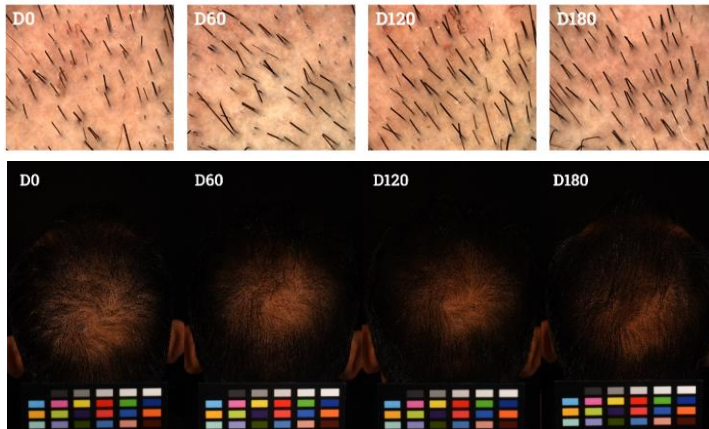


HAIR EFFICACY: GROWTH & LOSS



CLAIM	REFERENCE	BIOMARKERS
HAIR GROWTH & DENSITY	DC.CL-HG-117	<ul style="list-style-type: none"> Number of follicles (N) Density of follicles (%) Area of follicles (mm²) Hair Density (%) Anagen / Telogen phase (%) Hair Thickness (µm) Hair length (mm)
Hair growth specific assessment for stimulating treatments.		
AREAS	Hair scalp	
TECHNOLOGY	TrichoScan HD 4.0 C-Cube 3 CR	

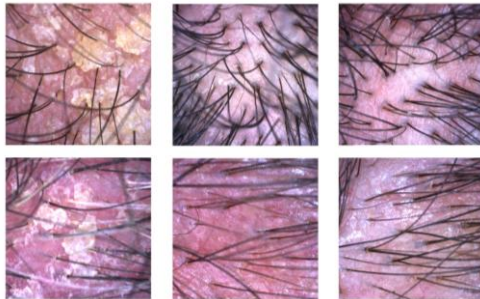
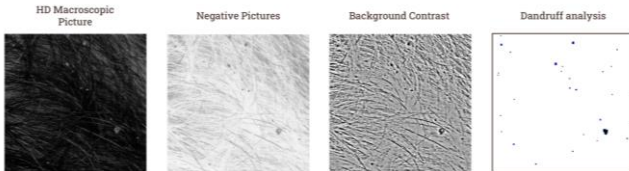
CLAIM	REFERENCE	BIOMARKERS
ANTI-HAIR LOSS & STRENGTH	DC.CL-HL-136	<ul style="list-style-type: none"> Combing Pull Test (CT MPT) Modified Hair Wash Test (MHWT) Clinical Expert Evaluation
Hair loss specific assessment for anti-hair loss and strengthening treatments.		
AREAS	Hair	
TECHNOLOGY	Combing Test Pull Test Washing Test	



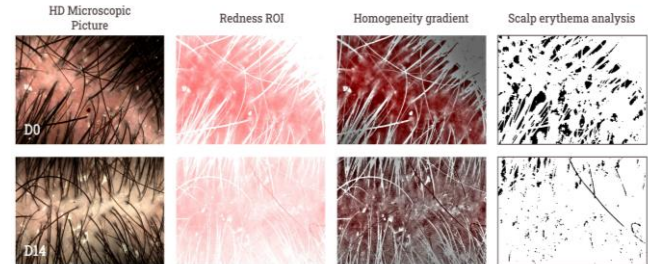


HAIR EFFICACY: DANDRUFF & SCALP

CLAIM	REFERENCE	BIOMARKERS
ANTI-DANDRUFF CLEANSING	DC.CL-DD-112	<ul style="list-style-type: none"> Dandruff particles (N) Dandruff area (mm) Sebum levels (ug/cm²)
Hair scalp specific assessment for anti-dandruff and cleansing products.		
AREAS	Hair scalp	
TECHNOLOGY	TrichoScan HD 4.0 FrameScan Sebumeter SM 815 SebumScale C-Cube 3 CR	



CLAIM	REFERENCE	BIOMARKERS
HAIR SCALP ERYTHEMA BARRIER HYDRATION ITCHING	DC.CL-DD-112	<ul style="list-style-type: none"> Erythema Itching (stinging test) TEWL (g/h/m²) Hydration (A.U.) pH
Hair scalp specific assessment for erythema, barrier function, hydration, pH, anti-itching...		
AREAS	Hair scalp	
TECHNOLOGY	TrichoScan HD 4.0 FrameScan Stinging Test Tewameter Nano MoistureMeter SC C-Cube 3 CR	

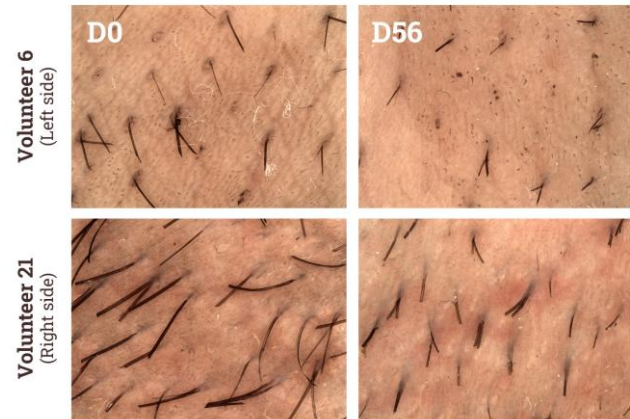
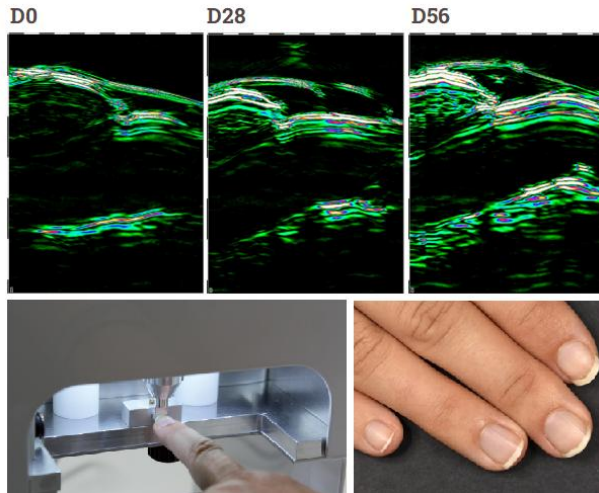


NAILS CARE & WAXING



CLAIM	REFERENCE	BIOMARKERS
NAILS HEALTH & BIOMECHAC	DC.CL-NH-131	<ul style="list-style-type: none"> Elasticity (transverse deformat.) Strength (compressive strength) Bending (longitudinal deformat.)
		<ul style="list-style-type: none"> Thickness Density
Assessment of nails health & biomechanical properties.		
AREAS	Nails	
TECHNOLOGY	Nails Strainstress Meter NM 100 Echograph UltraScan UC22	

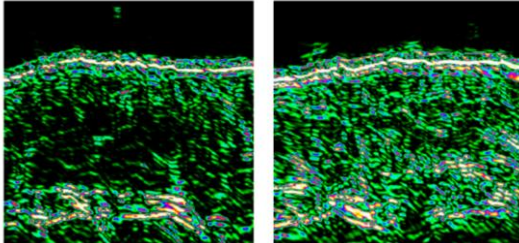
CLAIM	REFERENCE	BIOMARKERS
HAIR REMOVAL HAIR DELAYING	DC.CL-LW-126	<ul style="list-style-type: none"> Number of follicles (N) Density of follicles (%) Area of follicles (mm²) Anagen / Telogen phase (%)
		Hair growth specific assessment after leg waxing / razor shaving in standardized conditions. Skin hydration is also evaluated in ROI.
AREAS	Legs / Armpits	
TECHNOLOGY	Trichoscan HD 4.0 Corneometer CM 825	





SKIN THICKNESS & BIOMECHANICAL PROPERTIES

CLAIM	REFERENCE	BIOMARKERS
ECHOGRAPHY SKIN THICKNESS	DC.CL-EC-119	<ul style="list-style-type: none"> Thickness (μm) Density (%) SLEB (px)
Skin thickness and density assessment using non-invasive echography.		
AREAS	Cheek, forearm	
TECHNOLOGY	Echograph UltraScan UC22	

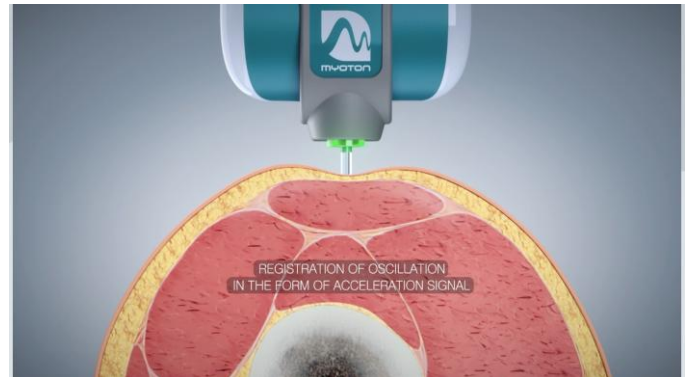


CLAIM	REFERENCE	BIOMARKERS
FIRMING ANTIAGING	DC.CL-CU-099	<ul style="list-style-type: none"> Firmness (1/R0) Elasticity (R2 R5 R7) Fatigue (R9)
Area-specific assessment of skin properties, by suction method.		
AREAS	Face, body	
TECHNOLOGY	Cutometer MPA Dual 580 Indentometer IDM800 ElastiMeter	

CLAIM	REFERENCE	BIOMARKERS
MYOTONOMETRY BIOMECHANICAL PROPERTIES	DC.CL-MT-108	<ul style="list-style-type: none"> Oscillation Frequency [Hz] Dynamic Stiffness [N/m] Elasticity Mechanical Stres Relax Time [ms] Creep (Deborah number)

Area-specific assessment on the skin biomechanical properties using myotonometry (palpation device, compress the skin and follows oscillation)

AREAS	Face, body
TECHNOLOGY	MyotonPRO palpation device - Model 1B



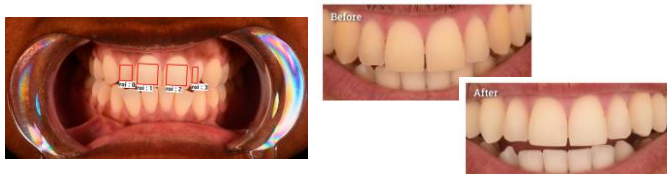
OTHER SKIN PARAMETERS



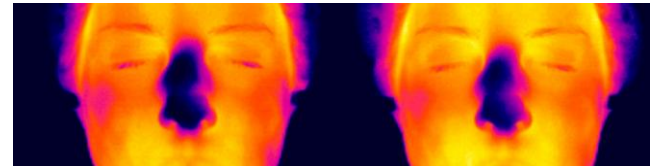
CLAIM	REFERENCE	BIOMARKERS
MOISTURIZING SHORT/LONG-TERM	DC.CL-MT-101A DC.CL-MT-101B	<ul style="list-style-type: none"> Hydration (A.U.)
Area-specific assessment of skin hydration during short-term kinetics (30m, 1h, 4h, 8h, 12h, 24h, 48h, 72h) or long-term periods (D14, D28, D56)		
AREAS	Custom	
TECHNOLOGY	Corneometer CM 825 MoistureMeter SC - EpiD	

CLAIM	REFERENCE	BIOMARKERS
BARRIER FUNCTION	DC.CL-BF-100	<ul style="list-style-type: none"> Transepidermal water loss (TEWL)
Area-specific assessment of skin barrier function (TEWL).		
AREAS	Custom	
TECHNOLOGY	Tewameter HEX - Nano AquaFlux AF200 Vapometer	

CLAIM	REFERENCE	BIOMARKERS
TEETH WHITENING	DC.CL-ST-143	<ul style="list-style-type: none"> Teeth color (RGB, CIELab, ITA^a) CEE (Teeth Shade Guide)
Area (2 central incisors + 2 lateral incisors) assessment of teeth color.		
AREAS	Teeth	
TECHNOLOGY	FrameScan Visia-CR	



CLAIM	REFERENCE	BIOMARKERS
SKIN TEMPERATURE	DC.CL-ST-096	<ul style="list-style-type: none"> Skin temperature (°C) in different ROIs (difference, averages, etc.)
Area-specific assessment of skin temperature using thermography (IR).		
AREAS	Custom	
TECHNOLOGY	Infrared camera EvaTHERM	



CLAIM	REFERENCE	BIOMARKERS
MICROBIOME EFFICACY	DC.CL-MB-109	<ul style="list-style-type: none"> Microbial diversity (α) Bacteria ID and quantific.
16sRNA microbiome sequencing after swab sampling (DNA isolation, PCR, library, diversity, Blast...). * NGS + Bioinformatics conducted by third-party		
AREAS	Custom	
TECHNOLOGY	Swab sampling + Next Generation Sequencing	

CLAIM	REFERENCE	BIOMARKERS
ANTI-ODOUR SNIFF TEST	DC.CL-ST-154	<ul style="list-style-type: none"> Odour intensity (0-5 scale)
Odour intensity assessment through Sniff Test following ASTM 1207-09 standard guidelines		
AREAS	Axilla	
TECHNOLOGY	Clinical Expert Evaluation	



SAFETY-IN-USE TESTS

CLAIM	REFERENCE	BIOMARKERS
DERMATOLOGICALLY OPTHALMOLOGIC. TESTED	DC.CL-DT-102	<ul style="list-style-type: none"> Panelist self-assessment questionnaire
Human use test with panel questionnaire and dermatological and/or ophthalmological surveillance.		
AREAS	Custom	
TECHNOLOGY	Self-assessment questionnaire (sensory experience, treatment effectiveness, and consumer behavior).	

CLAIM	REFERENCE	BIOMARKERS
NON-COMEDOGENIC	DC.CL-NC-104	<ul style="list-style-type: none"> Comedones number (N)
Global visual assessment of comedones in acne-prone and oily skin volunteers, including dermatological surveillance.		
AREAS	Face Hemi-face	
TECHNOLOGY	Visual counting Visia-CR	

CLAIM	REFERENCE	BIOMARKERS
CLINICAL EXPERT EVALUATION (CEE)	DC.CL-CS-103	<ul style="list-style-type: none"> Scoring grading scales
Human use test with subjective clinical expert evaluation (CEE) for different skin parameters.		
AREAS	Custom	
TECHNOLOGY	Scoring grading scales (2 indep. experts → 1 in live during the visit + 1 with HD macroscopic pictures after)	

CLAIM	REFERENCE	BIOMARKERS
STINGING TEST SENSITIVE SKIN	DC.CL-AIT-105 DC.CL-CP-139	<ul style="list-style-type: none"> Subjective evaluation (scale 0-10 points)
Subjective evaluation of the stinging intensity after application of Lactic Acid (10 %) or Capsaicin (0.1 mg/ml).		
AREAS	Nasolabial fold (vs untreated)	
TECHNOLOGY	Consumer perception	

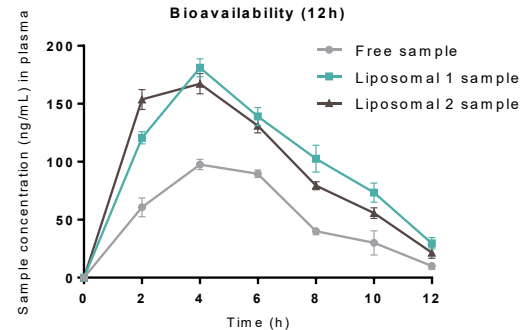
* Dermatologically Tested or Ophthalmologically Tested is only approved for studies with at least 2-weeks treatment.

FOOD SUPPLEMENTS & NUTRACEUTICALS



CLAIM	REFERENCE	BIOMARKERS
EFFICACY FUNCTIONALITY	DC.CL-ST-110	<ul style="list-style-type: none"> Blood analysis parameters (urea, cholesterol, glucose, creatinine, uric acid, triglycerides, hemogram...).
Global metabolism assessment after oral treatment, including biostatistics. Blood analysis parameters and/or cutaneous biomarkers.		
AREAS	Oral intake (whole body)	
TECHNOLOGY	Blood Analysis / UPLS-MS/MS / ELISA	

CLAIM	REFERENCE	BIOMARKERS
BIOAVAILABILITY	DC.CL-BA-111	<ul style="list-style-type: none"> Quantification of specific compound in blood sample (ug/ml, ng/ml)
Pharmacokinetics assessment of bioavailability after oral intake (6h, 8h, 24h), using fingerstick for blood extraction.		
AREAS	Oral intake (whole body)	
TECHNOLOGY	Fingerstick blood extraction / UPLS-MS/MS / ELISA	



* Clinical protocols for oral intake treatment, are mandatorily submitted for approval to the **Drug Research Ethics Committee (CEIm)** of **La Fe Hospital** (Valencia, Spain), before the start of the study.

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