DERMATOLOGICAL TOLERANCE TEST REPORT OF A HOUSEHOLD PRODUCT
OPEN APPLICATION TEST

REPORT NO.	26/622/DO/V1
PRODUCT NAME / CODE	LAUNDRY PERFUME Lusee UFI: 0J10-40AU-100Y-RWAA
NUMBER OF VOLUNTEERS	20
TEST DATE	06.08.2026 - 12.08.2026
SUPERVISION	DERMATOLOGIST
CUSTOMER	PUELLAVONE S.R.O. ROVNÍKOVÁ 1457/7 040 12 KOŠICE - MESTSKÁ ČASŤ NAD JAZEROM, SLOVAKIA
RESEARCH LABORATORY	EPIDERMLAB LABORATORIUM BADAWCZE S.C. UL. ŁOWIENICKA 14/3 30-613 KRAKÓW, POLAND
REPORT DATE	21.08.2026

CONTENTS

1. SUBJECT OF THE STUDY

The subject of the study was the household product LAUNDRY PERFUME Lusee UFI: 0J10-40AU-100Y-RWAA:

Form	liquid
Color	colorless
Scent	fragrance composition
Packaging	replacement
Declared fragrance allergens / fragrance components	Hexamethylindanopyran, Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Hexyl Cinnamal, 2-Isobutyl-4-methyltetrahydro-4H-pyran-4-ol, (E)-Oxycyclohexadec-12-en-2-one; (E)-Oxacyclohexadec-13-en-2-one; (Z)-Oxacyclohexadec-13-en-2-one; (Z)-(1R,3S,7R,8R,10R,13R)-5,7,9,9,13-Pentamethyl-4-oxatricyclo[6.5.1.0^{1,3}]tetradecane, Linalool, Pentadecan-15-olide, 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one, 3-(4-Isopropylphenyl)-2-methylpropanal, Limonene, Benzyl Salicylate, Coumarin, Citronellol, Linalyl Acetate, Isoeugenol, Isopentyl Acetate, (E)-1-(2,6,6-Trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, p-Cresol, Toluene.
Storage	Store the tested product at controlled room temperature (18–22^0 C), protected from light, for one month after completion of the study. After this period, unless otherwise requested by the Customer, the sample is disposed of.

2. PURPOSE OF THE STUDY

To assess the skin tolerance and irritation potential of the household product in healthy adult volunteers using a single-application open test performed under non-occlusive conditions.

3. VOLUNTEERS

3.1. INCLUSION CRITERIA

- Healthy individuals aged 18 to 70 years,
- Individuals with skin phototype I-III,
- Individuals who have given informed, written consent,
- Individuals with no known history of intolerance or allergic reactions to household products or any ingredient of the tested product.

3.2. EXCLUSION CRITERIA

- Pregnant and breastfeeding women,
- Individuals currently taking or who have stopped taking:
  - Antihistamines, antibiotics, systemic anti-inflammatory drugs in the last week,
  - Cough medicines, corticosteroids used in the last 4 weeks,
  - Retinoids, immunosuppressive, anticancer drugs in the last 6 months,
- Individuals who have started, discontinued, or changed hormonal treatment (including contraceptive pills) in the last 5 weeks,

- Individuals with highly irritated skin,
- Individuals showing significant hair growth on the tested area, freckles, cosmetic stains, or tattoos on the tested area,
- Individuals who have sunbathed their back and shoulders in the last month,
- Individuals suffering from serious illnesses,
- Individuals abusing alcohol or tobacco,
- Volunteers involved in a similar study at another laboratory.

3.3. DISCONTINUATION OF THE STUDY

Volunteers had the right to withdraw from the study at any time without providing a reason. The person supervising the study could exclude the volunteer due to multiple reasons:

- the visit schedule is not respected by the subject,
- undesirable events (including the intercurrent diseases).

3.4. CHARACTERISTICS OF VOLUNTEERS QUALIFIED FOR THE STUDY

Number	20
Gender	women: 20, men: 0
Mean age (years)	49 (range: 21 to 70)

4. METHODS

4.1. TOOLS, DOSAGE, DURATION

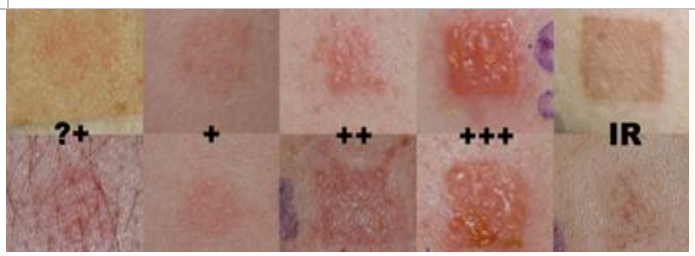
Application site	inner forearm area
Applied amount	25 µL
Product concentration	undiluted, as supplied
Application time	5 min

4.2. READINGS AND EVALUATION SCALE

The product was applied to a 3 x 3 cm test area and spread evenly. After 5 minutes of exposure, the product was removed, and the first reading was performed. Subsequent readings were performed 15 minutes, 30 minutes, 60 minutes, and 24 hours after application. All skin assessments were conducted under the same shadowless lighting conditions.

The degree of reaction in the tested areas was determined by comparing them to the negative control area (without the product) using the ICDRG scale.

Scale	Meaning	Description
0/ -	negative	none
0.5/ ?+	doubtful	slight erythema, erythematous spot not palpable. This type of reaction is usually not considered indicative of sensitization.
1/ +	weak	palpable erythematous focus suggesting mild swelling/ infiltration, with or without papules, no vesicles.
2/ ++	strong	intensified swelling, infiltration, papules, vesicles present
3/ +++	extremely strong	"blisters" formed by confluence of vesicles or erosion.



4.3. INTERPRETATION OF RESULTS

The average irritation index (xavg) is calculated based on the scoring classification for skin reactions. Based on the irritation index, the product is classified according to the scale.

$$\mathbf{x_{avg}} = \frac{\textbf{sum of the classification scores}}{\textbf{number of volunteers}}$$

Average Irritation Index (x_{avg})	Product classification
$x_{avg} < 0.5$	Non-irritating
$0.5 \leq x_{avg} < 2.0$	Mildly irritating
$2.0 \leq x_{avg} < 5.0$	Moderately irritating
$5.0 \leq x_{avg}$	Strongly irritating

5. RESULTS

Volunteer	Age	Gender F- female M - male	Skin phototype	Result after 5 min.	Result after 15 min.	Result after 30 min.	Result after 60 min.	Result after 24 hours
1.	52	F	I	0	0	0	0	0
2.	54	F	III	0	0	0	0	0
3.	23	F	II	0	0	0	0	0
4.	27	F	II	0	0	0	0	0
5.	54	F	III	0	0	0	0	0
6.	52	F	II	0	0	0	0	0
7.	51	F	II	0	0	0	0	0
8.	66	F	II	0	0	0	0	0
9.	32	F	II	0	0	0	0	0
10.	42	F	II	0	0	0	0	0
11.	54	F	II	0	0	0	0	0
12.	65	F	II	0	0	0	0	0
13.	48	F	I	0	0	0	0	0
14.	26	F	I	0	0	0	0	0
15.	66	F	II	0	0	0	0	0
16.	70	F	II	0	0	0	0	0
17.	52	F	I	0	0	0	0	0
18.	70	F	II	0	0	0	0	0
19.	49	F	I	0	0	0	0	0
20.	21	F	II	0	0	0	0	0

The following table presents the irritation index (x_{avg}), calculated based on the sum of the classification scores.

Average Irritation Index (x_{avg})	Product Classification
0.00	NON-IRRITATING

6. CONCLUSIONS

Based on the conducted open application test performed under non-occlusive conditions, it was concluded that the tested household product:

LAUNDRY PERFUME Lusee

UFI: 0J10-40AU-100Y-RWAA

- demonstrated excellent skin compatibility under the experimental conditions of the study;
- did not induce clinically significant irritation in the study group;
- was classified as non-irritating based on the calculated average irritation index (xavg = 0.00).

The obtained results support good skin tolerance of the tested product under the conditions of the study.

7. COMMENTS

- The study results apply exclusively to the tested sample.
- The study results do not apply to individuals presenting known allergy or hypersensitivity to any ingredient of the tested product.
- The Customer is responsible for ensuring that the tested sample corresponds to the final commercial formulation.
- This report has been prepared in one original copy only.
    - Original: Customer
    - Working copy: Archive

8. AUTHORIZATION

Prepared by	Medical Review	Approved by
Violetta Majda Research Specialist Signature Not Verified Dokument podpisany przez Violetta Majda Data: 2026.08.21 15:43:03 CEST *(qualified electronic signature)*	dr Agnieszka Snarska-Drygalska Specialist in Dermatology and Venereology PWZ: 2294120	Anna Kwiatkowska Laboratory Director Signature Not Verified Dokument podpisany przez Anna Kwiatkowska Data: 2026.08.21 16:13:38 CEST *(qualified electronic signature)*

END OF THE REPORT