

**SUMMARY OF
OILUM LOTION and LIQUID CLEANSER CLINICAL TEST**

Product	Oilum Lotion and Oilum Liquid Cleanser
Researcher	Medical Technology Laboratorium Radiopoetro building, 3rd floor, Faculty of Medicine Gadjah Mada University Farmaco Street, Sekip, Yogyakarta 55281, Indonesia
Study Objectives	To evaluate the safety and benefits of Oilum Lotion and Oilum Liquid Cleanser
Study Design	<ul style="list-style-type: none"> • Method : irritation and sensitization testing in accordance with the COLIPA guideline • Double-blind, randomized, placebo-controlled prospective study • In irritation testing, 21 days-controlled use and patch test were performed • In sensitization testing, 2 patch tests with 2 week intervals and controlled use test with 2 week intervals were carried out • In the 21 days-controlled use test, products and placebo were applied on lower arms • In patch test, products and placebo were applied on the back according to patch test standard procedure • Sensitization testing was basically similar to irritation testing, however it included 2 week intervals
Number of participants	31 healthy people
Evaluation Method	<p><u>In week 0 :</u></p> <ul style="list-style-type: none"> • Dermatological examination i.e. visual assessment (i.e. skin dryness, erythema, edema) by expert assessors (dermatologists) • Corneometer measurement data • Subjects' self assessment data <p><u>In week 7 :</u></p> <ul style="list-style-type: none"> • Dermatological examination i.e. visual assessment (i.e. skin dryness, erythema, edema) by expert assessors (dermatologists) • Corneometer measurement data • Patch test results • Subjects' self assessment data
Result	<ul style="list-style-type: none"> • Dermatological examination (visual assessment) In week 0 (baseline), there were no subjects suffer from erythema (grading 0), oedema (grading 0), and dryness (grading 0) on skin of lower arms. After 21 days-controlled use test, there were also no erythema (grading 0), oedema (grading 0), and dryness (grading 0) on skin of lower arms in all subjects • Corneometer measurement Skin humidity measured by corneometer before and after application of Oilum Lotion for 21 days showed that average of skin humidity before application was 39.27, while average of skin humidity after 21 days application was 43.15. There was a statistically significant increase ($p < 0.05$) of skin humidity after application of Oilum Lotion for 21 days • Patch Test results Conclusion of the patch test was the products did not cause sensitization nor irritation reaction • Subjects' self assessment Subjects' self assessment exhibited that after using the products for 21 days all of subjects stated that their skin was more moistened. Related to subjective symptoms, there was 1 subject (3.2%) experience mild itchy after using Oilum Lotion, however 30 subjects (96.8%) did not experience itchy, stinging, etc.
Conclusion	<p>After performing safety testing to Oilum Lotion and Oilum Liquid Cleanser, it was observed that :</p> <ul style="list-style-type: none"> • In dermatological examination (visual assessment), no symptoms of irritant or allergic reaction was observed • Objective measurement in skin humidity of Oilum Lotion showed a significant increase in skin humidity after application of Oilum Lotion for 21 days • Patch test of the tested products exhibited no sensitization nor irritation reaction • Subjects' self assessment showed that all of subjects felt their skin was more moistened after using the tested products <p>It was then concluded that the tested products are safe provided the mode of use and usage instructions are added</p>

This Clinical Test Summary has been simplified for general public informational purpose.

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