DERMATOLOGICAL AND ALLERGOLOGICAL

EXPERT REPORT

COSMETIC - TEST - GMBH

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Dermatolgical and allergological expert report

P A T C H T E S T

(Test of primary imitation and contact allergy by single epidermal contact)

Preparation: **MULTICUT ULTRA 10 (SN 24840)**

Client: Zeller + Gmelin GmbH & Co. KG
Schloßstr. 20
73054 Eislingen

Test subjects: 30 subjects with healthy skin

Test concentration: as is

Eislingen, Germany march, 11th, 2010

Cosmetic-Test-GmbH
Institute for Dermatological and Allergological Investigations

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App: Principle and methodology/Evaluation criteria/Test results

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Test principle

The patch test is a model used to detect a primary irritant effect or contact allergy (due to provocation of allergic skin reactions in patients who are already sensitised) by epidermal, local and limited contact with the test preparation.

To promote absorption of the test substances. they are applied under occlusive conditions.

The substances selected for testing are tested in subtoxic (i.e. not irritant) concentration on the skin.

Test method

The test preparation is applied undiluted or in the necessary dilution onto the clinically healthy skin using a commercially available test plaster (e.g. Curatest, manufactured by Lohmann).

Test location and procedure

Test plasters are applied to the back or to the inner surface of the upper arm.

The plasters are removed after an exposure time of 48 hours and the skin is assessed for the first time. A second assessment occurs 72 hours after the start of test. Assessment is always made by a dermatologist and allergology specialist.

Evaluation criteria

0	no irritation, negative
-/+	weak or doubtful erythema
+	clear erythema
++	severe erythema or papulation
+++	densely dispersed papules and/or vesiculation
++++	blistering or necrosis

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Test results

subjects	initials	sex m/f	test reactions 48h	72h
1.	I.K.	f	0	0
2.	M.S.	f	0	0
3.	G.T.	m	0	0
4.	S.Z.	f	0	0
5.	T.S.	m	0	0
6.	C.B.	f	0	0
7.	E.F.	f	0	0
8.	J.E.	f	0	0
9.	T.E.	m	0	0
10.	N.N.	f	0	0
11.	R.R.	m	0	0
12.	C.M.	f	0	0
13.	B.M.	f	0	0
14.	E.K.	f	0	0
15.	B.D.	f	0	0
16.	R.S.	f	0	0
17.	A.K.	m	0	0
18.	A.T.	f	0	0
19.	A.Z.	m	0	0
20.	D.S.	f	0	0
21.	B.B.	f	0	0
22.	E.A.	m	0	0
23.	C.K.	m	0	0
24.	U.E.	f	0	0
25.	E.E.	f	0	0
26.	S.E.	m	0	0
27.	U.H.	f	0	0
28.	J.M.	m	0	0
29.	M.K.	m	0	0
30.	G.K.	m	0	0

Test results

The preparation was well tolerated by all subjects. no case of adverse skin reactions occurred.

The result demonstrates that the preparation will not lead to undesirable skin reactions by irritant potency in normal use.

The result does not exclude the induction of an allergic or irritant reaction by the preparation caused by increase of concentration or long lasting use of product.

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