



Chemila, spol. s r.o., Za Dráhou 4386/3, Hodonín 69501, Phone +420518340919, [chemila@chemila.cz](mailto:chemila@chemila.cz)  
 Chemical and Microbiological Laboratory, Testing Laboratory No. 1273 certified by Czech Accreditation Institute  
 according to ČSN EN ISO/IEC 17025:2018.

Copy No.: 1  
 Issue No.: 1

## Test report No. S2/2020

### SKIN IRRITATION ASSESSMENT CBVIT ACTIVE HEMP BODY SOAP

Sample ID: S2/2020  
 Sample name: **CBVIT ACTIVE HEMP BODY SOAP**  
 Client: CBVIT Ltd., CN:08467027, Crown House, 27 Old Gloucester Street,  
 WC1N 3AX London, UK  
 Producer: CBVIT Ltd., CN:08467027, Crown House, 27 Old Gloucester Street,  
 WC1N 3AX London, UK  
 Sampling point: CBVIT Ltd., CN:08467027, Crown House, 27 Old Gloucester Street,  
 WC1N 3AX London, UK

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 From pages: 6

Incoming date:  
 7.1.2020

Delivery date:  
 14.1.2020

Hodonín, 14.1.2020



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 Ing. Jana Šlitrová, Head of Laboratory

Description: *Skin irritation assessment*

Sample ID: S2/2020  
Sample name: **CBVIT ACTIVE HEMP BODY SOAP**  
Sampled: by client  
Sampling point: CBVIT Ltd., London, UK  
Client: CBVIT Ltd., London, UK

Sample delivered: 7.1.2020  
Testing date: 8.1.-11.1.2020  
Delivered amount: 100 g  
Batch No: not available  
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Subject of testing:

*Skin irritation assessment on volunteers*

Identification of the sample:

Name of the product:	<b>CBVIT ACTIVE HEMP BODY SOAP</b>
Batch number:	not available
Date of manufacture:	10.12.2019
Expiry date:	not available
Manufacturer:	CBVIT Ltd., CN:08467027, Crown House, 27 Old Gloucester Street, WC1N 3AX London, UK
Incoming date:	7.1.2020
Appearance of the product:	green solid soap
Amount:	100 g
Storage conditions:	lab temperature
Composition:	Natural tenzides, Canabis Sativa Seed Oil, Rosmarinus Officinalis Leaf Extract, Cannabis Sativa Essential Oil, Chlorophyll, CBD, Cannabis Sativa Flavouring Preparation (Cannabis Sativa Terpenes)

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Experimental conditions:

Period of analysis:	<b>Testing of skin irritation</b> SOP-M-14-10 (ČSN EN ISO 10993-10)
Test temperature:	8.1. - 11.1.2020
Test method:	human skin temperature ( $36.7 \pm 0.2$ °C)
Moisturising solution:	on volunteers
Amount of sample:	distilled water
Contact time:	30 x 50 mg
	15 min, 30 min, 1 h, 2h, 3h, 4 h

Test procedure:

The volunteers are selected according to CIOMS 2002 instructions and approved by ethical committee of Chemila, spol. s r.o. The selection is based on voluntariness, working on the assumption of meeting the requirements of the study and informed consent. More than one third of volunteers were of the same-sex (female). The test was performed on 30 volunteers.

The material (50 mg of the CBVIT ACTIVE HEMP BODY SOAP) was applied inside the patch test chamber. The patch test was applied for the contact time on the upper part of the arm moisturised with distilled water. After removal of the patch test, the skin was rinsed and wiped under the running water. Reading of the test is performed immediately and after ( $1 \pm 0.1$ ) h to ( $2 \pm 1$ ) h, ( $24 \pm 2$ ) h, ( $48 \pm 2$ ) h and ( $72 \pm 2$ ) h after the removal of the sample.

Further on the patch test was applied the positive control **20 % sodium dodecylsulphate** (SDS) in the amount of 0.4 ml. The patch test was applied on the upper part of the arm for the contact time. After removal of the patch test, the skin is rinsed and wiped under the running water. Reading of the test is performed immediately and after ( $1 \pm 0.1$ ) h to ( $2 \pm 1$ ) h, ( $24 \pm 2$ ) h, ( $48 \pm 2$ ) h and ( $72 \pm 2$ ) h after the removal.

The standard:

ČSN EN ISO 10993-10 Biological evaluation of medical devices - Part 10: Tests for irritation and skin sensitization



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Skin reaction classification:

- 0 No reaction.
- 1 Weak positive reaction (erythema, infiltration, papules).
- 2 Strong positive reaction (erythema, infiltration, papules, discrete vesicles).
- 3 Extreme positive reaction (coalescing vesicles, bullous or ulcerative reaction).

**Product: CBVIT ACTIVE HEMP BODY SOAP**

Volunteer			Reading the test					Reaction yes/ no
			Contact time: 15 min / 30 min / 1 h / 2 h / 3 h / 4 h					
No	Age	Sex	Classification of skin reaction after:					Reaction yes/ no
			0 h	2 h	24h	48h	72h	
1	43	F	000000	000000	000000	000000	000000	NO
2	34	F	000000	000000	000000	000000	000000	NO
3	67	F	000000	000000	000000	000000	000000	NO
4	52	F	000000	000000	000000	000000	000000	NO
5	48	F	000000	000000	000000	000000	000000	NO
6	46	F	000000	000000	000000	000000	000000	NO
7	37	F	000000	000000	000000	000000	000000	NO
8	35	F	000000	000000	000000	000000	000000	NO
9	33	F	000000	000000	000000	000000	000000	NO
10	36	F	000000	000000	000000	000000	000000	NO
11	43	F	000000	000000	000000	000000	000000	NO
12	69	F	000000	000000	000000	000000	000000	NO
13	36	F	000000	000000	000000	000000	000000	NO
14	26	F	000000	000000	000000	000000	000000	NO
15	46	F	000000	000000	000000	000000	000000	NO
16	54	F	000000	000000	000000	000000	000000	NO
17	60	F	000000	000000	000000	000000	000000	NO
18	42	F	000000	000000	000000	000000	000000	NO
19	41	F	000000	000000	000000	000000	000000	NO
20	54	F	000000	000000	000000	000000	000000	NO
21	34	F	000000	000000	000000	000000	000000	NO
22	23	M	000000	000000	000000	000000	000000	NO
23	37	M	000000	000000	000000	000000	000000	NO
24	41	M	000000	000000	000000	000000	000000	NO
25	46	M	000000	000000	000000	000000	000000	NO
26	49	M	000000	000000	000000	000000	000000	NO
27	23	M	000000	000000	000000	000000	000000	NO
28	64	M	000000	000000	000000	000000	000000	NO
29	51	M	000000	000000	000000	000000	000000	NO
30	68	M	000000	000000	000000	000000	000000	NO
Total number of reaction			000000	000000	000000	000000	000000	0/30

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**Positive control: 20% Sodium laurylsulphate**

Volunteer			Reading the test					Reaction yes/ no
			Contact time: 15 min/ 30 min/ 1 h/ 2 h/ 3 h/ 4 h					
			Classification of skin reaction after:					
No	Age	Sex	0 h	2 h	24h	48h	72h	
1	43	F	001111	000112	000111	000001	000000	YES
2	34	F	000111	000011	000111	000011	000011	YES
3	67	F	000112	000111	000011	000000	000000	YES
4	52	F	001111	000112	000011	000001	000001	YES
5	48	F	000111	000112	000111	000011	000000	YES
6	46	F	000011	000112	000011	000001	000000	YES
7	37	F	000001	000111	000111	000001	000000	YES
8	35	F	000111	001112	000011	000001	000000	YES
9	33	F	000001	000111	000011	000001	000000	YES
10	36	F	011122	001112	001112	000012	000011	YES
11	43	F	000111	000011	000011	000001	000000	YES
12	69	F	000112	000112	000111	000011	000001	YES
13	36	F	000111	001111	000112	000011	000001	YES
14	26	F	000112	000111	000111	000011	000001	YES
15	46	F	000112	000111	000011	000001	000000	YES
16	54	F	000112	000011	000011	000001	000001	YES
17	60	F	000112	000112	000111	000011	000001	YES
18	42	F	000011	000111	000012	000011	000001	YES
19	41	F	000111	000111	000111	000001	000001	YES
20	54	F	000112	000111	000011	000011	000001	YES
21	34	F	000001	000011	000011	000001	000000	YES
22	23	M	011111	011112	000111	000011	000001	YES
23	37	M	000112	001112	001111	000111	000011	YES
24	41	M	000122	001112	000112	000111	000001	YES
25	46	M	000111	000111	000111	000011	000000	YES
26	49	M	000111	001122	000112	000111	000011	YES
27	23	M	000011	000011	000001	000000	000000	YES
28	64	M	000011	000111	000111	000011	000000	YES
29	51	M	001112	000111	000011	000001	000000	YES
30	68	M	000001	000011	000111	000111	000011	YES
Total number of reaction			0/2/5/22/26/30	0/1/7/24/30/30	0/0/2/17/29/30	0/0/0/4/16/28	0/0/0/0/5/16	30/30

Performed by:

Bc. Iva Čížová, Deputy Manager of Microbiological Laboratory



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Discussion:

0 from 30 volunteers reacted on tested product.  
30 from 30 volunteers reacted on positive control.  
According to Fisher test (by P-value = 0,05) the skin irritation was significantly less frequent on tested product than on positive kontrol.

Interpretation:

The goal was to determine, whether the tested product **CBVIT ACTIVE HEMP BODY SOAP** is skin irritant after exposition. That was achieved by comparison of number of volunteers, which reacted on tested product, with the number of volunteers, which reacted on positive control.

Material, which causes the skin irritation on the significantly smaller number of volunteers than the positive control, **cannot be considered as skin irritant.**

Conclusion:

The product **CBVIT ACTIVE HEMP BODY SOAP** is not skin irritant.

Hodonín, 14.1.2020

