



Test Report

No. HKHC2007005724HC

Date :Jul 30, 2020

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IBREA GLOBAL CO., LTD.
2F, 220, INHYANG-RO, GOCHON-EUP, GIMPO-SI, GYEONGGI-DO, KOREA

Job No. : HKHC200700002527

The following sample was submitted and identified by the client as IBREA SKIN RELIEF INTENSE RECOVERY CREAM UNSCENTED 30ml

Product Description : IBREA SKIN RELIEF INTENSE RECOVERY CREAM UNSCENTED
30ml
Quantity Received : 8 bottles
Sample Appearance : White cream
Lot No. / Batch No. : MWC0206-8
SGS Sample No. : HKHC200700002527-101
Expiry Date : 20230709
Sample Receiving Condition : In unopened plastic bottle under ambient condition
Manufacturer / Supplier : IBREA GLOBAL CO., LTD.
Country of Origin : KOREA
Sample Receiving Date : Jul 16, 2020
Testing Period : Jul 16, 2020 – Jul 30, 2020

Test Requested, Test Methods and Test Results

Please refer to the following page(s).

Signed for and on behalf of
SGS Hong Kong Ltd.

HO CHI MING, RICKY
SENIOR MANAGER - COSMETICS, PERSONAL
CARE & HOUSEHOLD SERVICES

Signed for and on behalf of
SGS Hong Kong Ltd.

WONG KIN MAN, GILMAN
TECHNICAL DEVELOPMENT MANAGER
- COSMETICS, PERSONAL CARE & HOUSEHOLD
SERVICES

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Test Requested

1. To perform Arsenic, Lead, Mercury, Cadmium, Antimony and Nickel (soluble) analyses on the submitted sample.
2. To perform Microbiological Examination on the submitted sample.
3. To determine the Free Formaldehyde content on the submitted sample.
4. To determine the content of 1,4-Dioxane on the submitted sample.
5. To determine the Methanol content on the submitted sample.
6. To determine the Appearance and Odor of the submitted sample.

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Test Method

1. Heavy Metal and Toxic Elements
 - (a) The Arsenic, Lead, Mercury, Cadmium and Antimony analyses were performed by in house method CS HM2-001 employing microwave digestion followed with Inductively Coupled Argon Plasma Mass Spectrometry measurement.
 - (b) The Nickel (soluble) analysis was performed by extraction of soluble sample following with Inductively Coupled Argon Plasma Spectrometry measurement.

2. Microbial contamination
 - (a) The analyses were performed with reference to
 - European Pharmacopoeia 9.0, Chapter 2.6.12 – Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests, and
 - European Pharmacopoeia 9.0, Chapter 2.6.13 – Microbiological Examination of Nonsterile Products: Tests For Specified Micro-organisms.
 - (b) Burkholderia cepacia analysis was performed by in house method.
 - (c) Thermotolerant Coliform Bacteria analysis was performed with reference to China Safety and Technical Standards for Cosmetics 2015.

3. Free Formaldehyde
The analysis was performed with reference to the European Directive 90/207/EC employing High Performance Liquid Chromatography - Photodiode Array Detector technique.

4. 1,4-Dioxane
The analysis was performed by in house method employing Headspace Gas Chromatography Mass Spectrometer.

5. Methanol
The analysis was performed by in house method employing Headspace Gas Chromatography Mass Spectrometry Measurement.

6. Appearance and Odor
The analyses were performed by Organoleptic Inspection.

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Test Results

**IBREA SKIN RELIEF INTENSE
RECOVERY CREAM UNSCENTED
30ml**

SGS Sample No.:
HKHC200700002527-101

Limit #

(1) Heavy Metals and Toxic Elements

Arsenic (As)	< 0.12 mg/kg (ppm)	≤ 5 mg/kg (ppm)
Cadmium (Cd)	< 0.082 mg/kg (ppm)	≤ 5 mg/kg (ppm)
Lead (Pb)	< 0.033 mg/kg (ppm)	≤ 20 mg/kg (ppm)
Antimony (Sb)	< 0.082 mg/kg (ppm)	≤ 10 mg/kg (ppm)
Mercury (Hg)	< 0.017 mg/kg (ppm)	≤ 1 mg/kg (ppm)
Nickel (Ni) (soluble)	< 3 mg/kg (ppm)	≤ 10 mg/kg (ppm)

(2a) Microbiological Examination

Total Aerobic Mesophilic Microorganisms		≤ 1000 cfu/g for non-eye/lip area products
- Total Aerobic Microbial Count	< 10 cfu/ g	
- Total Combined Yeast & Moulds Count	< 10 cfu/ g	
<i>Escherichia coli</i>	Absent / g	Absent / g
<i>Staphylococcus aureus</i>	Absent / g	Absent / g
<i>Pseudomonas aeruginosa</i>	Absent / g	Absent / g
Salmonella	Absent / 10 g	Absent / 10 g
Bile -Tolerant Gram-Negative Bacteria	Absent / g	Absent / g
Clostridia	Absent / g	Absent / g
<i>Candida albicans</i>	Absent / g	Absent / g

(2b) Microbiological Examination

<i>Burkholderia cepacia</i>	Absent / g	Absent / 0.1g for aqueous preparation only
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(2c) Microbiological Examination

Thermotolerant Coliform Bacteria	Absent / g	Absent/ g
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Test Results (Cont'd)

IBREA SKIN RELIEF INTENSE
RECOVERY CREAM UNSCENTED
30ml

SGS Sample No.:
HKHC200700002527-101

Parameter

(3) Free Formaldehyde

Not Detected

Limit #

See remark

(4) 1,4-Dioxane

Not Detected

≤ 10 mg/kg (ppm) (note 8)

(5) Methanol

Not Detected

2000 mg/kg

(6) Appearance

White cream

-

(6) Odor

Characteristic smell

-

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Note :

1. Results reported on the submitted sample on an as received basis.
2. < = less than
3. ≤ = not more than
4. The lowest detectable level of Free Formaldehyde is 0.02 %.
5. The lowest detectable level of 1,4-Dioxane is 1.0 mg/kg.
6. The lowest detectable level of Methanol is 0.0025% (25 mg/kg).

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Note (Cont'd) :

7. # = Guideline Limits:

(i) Heavy Metals and Toxic Elements

- Arsenic, Lead, Mercury, Cadmium and Antimony - German Health Authority BgA (Recommendation of 1965 from German Health Journal No.28, July 1985)
- Nickel (Ni) (soluble) – The German Health Journal No. 7/1992, Session 45 from November 14, 1991

(ii) Microbiological Examination

Total Viable Count for aerobic mesophyllic micro-organism, *Escherichia coli*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Candida albicans*

- The SCCS Notes of Guidance for the Testing of Cosmetic Ingredients and Their Safety Evaluation (9th Revision, revised on 25 April 2016) by The Scientific Committee on Consumer Safety, SCCS.

Salmonella, *Bile -Tolerant Gram-Negative Bacteria*, *Clostridia*

- Client's specifications with reference to European Pharmacopoeia 8.0 edition

Thermotolerant Coliform Bacteria

- Part 1 General (3.3) in China Safety and Technical Standards for Cosmetics, 2015 edition

Burkholderia cepacia

- Biro Pengawalan Farmaseutikal Kebangsaan requirement - Ruj. Kami: b2dlm. BPFK/PPP/01/03JId 1

(iii) Free Formaldehyde – ANNEX V, 1223/2009/EC

- All finished products containing substances in Annex V and which release formaldehyde must be labeled with the warning 'contains formaldehyde' where the concentration of formaldehyde in the finished product exceeds 0.05%

(iv) Methanol - Chapter 1 (Table 2), China Safety and Technical Standards for Cosmetics, 2015 edition, China Food and Drug Administration

8. 1,4-Dioxane must not form part of the composition of the cosmetic products with reference to Annex II of Cosmetics Regulation (EC) No. 1223/2009. Article 17 from 1223/2009/EC provides that *"the non-intended presence of a small quantity of a prohibited substance, stemming from impurities of natural or synthetic ingredients, the manufacturing process, storage, migration from packaging, which is technically unavoidable in good manufacturing practice, shall be permitted provided that such presence"* and that it conforms with Article 3 *"A cosmetic product made available on the market shall be safe for human health when used under normal or reasonably foreseeable conditions of use."* With reference to SCCS opinion SCCS/1570/15, a trace level of 1,4-dioxane in cosmetic products of ≤ 10 ppm is safe.

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Sample Receiving Date : Jul 16, 2020

PHOTO APPENDIX

<h2>HKHC200700002527-101</h2>
<p>SGS authenticate the photo on original report only</p>

*** End of Report ***

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