

## CERTIFICATE OF ANALYSIS (COA)

**Measurement of Heavy Metals (Test Method: In-house Method MY/STP/292 based on AOAC 999.11 17<sup>th</sup> Edition & Method MY/STP/293 based on AOAC 971.21 17<sup>th</sup> Edition)**

Date of issue: 6 March 2023

Ref no.: PRN2023/48

Page 1 of 1

**Client and Address:**

ARMILA BERHAD  
 NO. 16, JALAN LINGGIS 15/24,  
 TAMAN PERINDUSTRIAN LINGGIS,  
 SEKSYEN 15,  
 40460 SHAH ALAM,  
 SELANGOR.

**Sample Descriptions:**

Name/ID : BRIGHTENING CREAM  
 Received : Wednesday, February 22, 2023, at 4.15 pm  
 Registered : Thursday, February 23, 2023, at 8.50 am  
 Type : Cream  
 Container : Plastic container  
 Mfg. Date : 02/2023  
 Exp. Date : NA  
 Batch No. : NA  
 KKM No. : NA

**Test Performance Duration** : 23 February – 6 March 2023

**Results:**

No.	Test Parameter	Test Method	Poison Act 1952 (ppm)	LOD (ppm)	Results (ppm)
1	*Arsenic (As)	In-house Method MY/STP/293 based on AOAC 971.21 17th Edition	5.00	0.1	ND
2	*Cadmium (Cd)	In-house Method MY/STP/292 based on AOAC 999.11 17th Edition	0.30	0.1	ND
3	*Plumbum (Pb)		10.00	0.1	ND
4	Mercury (Hg)	FIMS	0.50	0.01	ND

**Opinions and interpretations :** NA

**Notes:**

1. LOD: Limit of Detection
2. ppm: Part per million
3. ND: Not Detected
4. NA: Not Available
5. KKM No.: MAL No. or NOT No.
6. \* Analysis performed by subcontractor

**Terms and Conditions**

1. USM's laboratory is not involved in any sampling activity of the samples tested. The test results herein are only valid for the samples being tested, as provided by Client
2. USM does not give any form of guarantee on the safety and quality of the tested samples or on the products.
3. USM assumes no liability for any loss, expense or damage occasioned by use or interpretation of this test results.
4. Any unauthorized use, alteration, forgery or falsification of the content or appearance of this Certificate is unlawful and offenders may be prosecuted to the fullest extent of the law.
5. Full laboratory address: Toxicology Laboratory of National Poison Centre, Block J06, National Poison Centre, Universiti Sains Malaysia, 11800 Penang.



**ChM. Norjuliana Binti Mohd. Noor**  
 (IKM No: M/2947/5743/10)  
 Approved Signatory/ Science Officer

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## CERTIFICATE OF ANALYSIS (COA)

Analysis : Screening of Whitening Agent by HPLC  
(Test Method: In-House Method USM/NPC/TM21)

Date : 24 February 2023

Ref no.: PRN2023 / 48

Page: 1 of 1

**Client and Address:**

ARMILA BERHAD  
NO. 16, JALAN LINGGIS 15/24,  
TAMAN PERINDUSTRIAN LINGGIS,  
SEKSYEN 15,  
40460, SHAH ALAM,  
SELANGOR.

**Sample Descriptions:**

**Name/ID** : BRIGHTENING CREAM  
**Received** : Wednesday, February 22, 2023 at 4.15 pm  
**Registered** : Thursday, February 23, 2023 at 8.50 am  
**Type** : Cream  
**Container** : Plastic container  
**Mfg. Date** : 02/2023  
**Exp. Date** : NA  
**Batch No.** : NA  
**NOT No.** : NA

**Test Performance Duration** : 23 – 24 February 2023

**Results:**

No.	Test Parameter	LOD (ppm)	Result
1	Hydroquinone	3	ND
2	Tretinoin	3	ND

**Opinions and interpretations:** NA

**Notes:**

1. LOD: Limit of detection
2. ppm: part per million or  $\mu\text{g/g}$  or  $\mu\text{g/mL}$
3. ND: Not detected
4. NA: Not Available
5. HPLC: High Performance Liquid Chromatography
6. KKM No.: MAL No. or NOT No.



**ChM. NORJULIANA BINTI MOHD NOOR**  
(IKM No: M/2947/5743/10)  
Approved Signatory/ Science Officer

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5. Full laboratory address: Toxicology Laboratory of National Poison Centre, Block J06, National Poison Centre, Universiti Sains Malaysia, 11800 Penang.

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**CERTIFICATE OF ANALYSIS**

**REG. NO. : PLF-181501-0003-00003811-21 (21-325345)**

**PAGE 01 OF 01**

**COMPANY NAME : ARMILA GROUP SDN BHD**

SAMPLE DESCRIPTION : Armila Kak Ell Brightening Cream

SAMPLE MARKING : E26042024 B01889

RECEIVED DATE : 17 November 2021

REPORTED DATE : 24 December 2021

On analysis of the sample(s) submitted, the result(s) obtained as follows:

NO	PARAMETER	METHOD REF. NO.	UNIT	RESULT
1	CADMIUM as Cd	USP 233 (2013)/ ICP MS	mg/kg	ND (<0.01)
2	ARSENIC as As	USP 233 (2013)/ ICP MS	mg/kg	0.02
3	MERCURY as Hg	USP 233 (2013)/ ICP MS	mg/kg	0.06
4	LEAD as Pb	USP 233 (2013)/ ICP MS	mg/kg	1.25
5	TOTAL COMBINED YEASTS & MOULDS COUNT	BP (2019) Appendix XVI B.5	CFU/g	ND (<10)
6	<i>Staphylococcus aureus</i>	BP (2019) Appendix XVI B 4.5	in 1g	Absent
7	<i>Pseudomonas aeruginosa</i>	BP (2013) Appendix XVI B 4.4	in 1g	Absent
8	<i>Candida albicans</i>	BP (2019) Appendix XVI B 4.7	in 1g	Absent
9	TOTAL AEROBIC MICROBIAL COUNT	BP (2019) Appendix XVI B.5	CFU/g	ND (<10)

**NOTE:**

1. < - Less Than The Minimum Detection Limit Reported; ND - Not Detected

2. CFU- Colony Forming Unit

**METHOD REFERENCE(S):**

1. United States Pharmacopeia (USP) 2013

2. British Pharmacopoeia, (2019)

PN. NURAZAH MOHD ANIS  
 SENIOR MICROBIOLOGIST  
 MJMM0195

MS LOI MUN YEE  
 SENIOR CHEMIST(M.M.I.C)  
 IKM NO. M/3310/5471/08/11



### CERTIFICATE OF ANALYSIS

REG. NO. : PLF-181501-0003-00003810-21 (21-325341)

PAGE 01 OF 01

COMPANY NAME : ARMILA GROUP SDN BHD

SAMPLE DESCRIPTION : Armila Kak Ell Renew & Repair Cream

SAMPLE MARKING : E08112024 B02057

RECEIVED DATE : 17 November 2021

REPORTED DATE : 24 December 2021

On analysis of the sample(s) submitted, the result(s) obtained as follows:

NO	PARAMETER	METHOD REF. NO.	UNIT	RESULT
1	CADMIUM as Cd	USP 233 (2013)/ ICP MS	mg/kg	ND (<0.01)
2	ARSENIC as As	USP 233 (2013)/ ICP MS	mg/kg	0.01
3	MERCURY as Hg	USP 233 (2013)/ ICP MS	mg/kg	ND (<0.01)
4	LEAD as Pb	USP 233 (2013)/ ICP MS	mg/kg	0.88
5	TOTAL AEROBIC MICROBIAL COUNT	BP (2019) Appendix XVI B.5	CFU/g	ND (<10)
6	TOTAL COMBINED YEASTS & MOULDS COUNT	BP (2019) Appendix XVI B.5	CFU/g	ND (<10)
7	<i>Staphylococcus aureus</i>	BP (2019) Appendix XVI B 4.5	in 1g	Absent
8	<i>Pseudomonas aeruginosa</i>	BP (2013) Appendix XVI B 4.4	in 1g	Absent
9	<i>Candida albicans</i>	BP (2019) Appendix XVI B 4.7	in 1g	Absent

**NOTE:**

1. < - Less Than The Minimum Detection Limit Reported; ND - Not Detected
2. CFU- Colony Forming Unit

**METHOD REFERENCE(S):**

1. United States Pharmacopeia (USP) 2013
2. British Pharmacopoeia, (2019)

PN. NURAIZAH MOHD ANIS  
SENIOR MICROBIOLOGIST  
MJMM0195

MS LOI MUN YEE  
SENIOR CHEMIST(M.M.I.C)  
IKM NO. M/3310/5471/08/11

## Certificate of Analysis

Lab Ref No.: **AL2102-B85708**

SN: **RS8935494740404226**

Page 1 / 2

**Nyeoh Yeong Sheng**  
 Asst QA Manager  
 IKM No: L/1910/6319/12 Food Analyst No: MJMM0491  
 AN1: RA2709415637762589

**ARMILA GROUP SDN BHD**  
 NO SO/F 11, PLAZA SRI MUDA,  
 JALAN SETIA 26/65,  
 SEKSYEN 25,  
 40400 SHAH ALAM SELANGOR  
 MALAYSIA

**Wong Hui Xian**  
 Chemist  
 IKM No.: L/2134/7206/15  
 AN2: RA1221121443480936

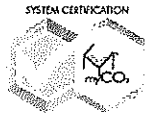
Date of Issue: 2021-02-23  
 Date of Received: 2021-02-16  
 Date of Completion: 2021-02-23

Sample Marking: **Cleanser**  
 Sample Description: **One personal care product sample**

Remark: ND = Not Detected

Test Description	Unit	Result(s)	Method or Equipment Used
Total Aerobic Microbial Count	cfu/g	ND <10	BP 2013 (Appendix XVI B)
Total Yeast & Mold Count	cfu/g	ND <10	BP 2013 (Appendix XVI B)
Pseudomonas aeruginosa	in 0.1g	Absent	BP 2013 (Appendix XVI B)
Staphylococcus aureus	in 0.1g	Absent	BP 2013 (Appendix XVI B)
Candida albicans*	in 0.1g	Absent	BP 2013 (Appendix XVI B)
Arsenic (as As)	mg/kg	ND <0.01	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Lead (as Pb)	mg/kg	ND <0.01	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Cadmium (as Cd)	mg/kg	ND <0.01	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES
Mercury (as Hg)	mg/kg	ND <0.01	MY/STP/375 based on AOAC 999.10, 20th Ed (2016) (Microwave digestion), analyzed by ICP-OES





**MY CO2 (PG) SDN BHD** | SAMM No. 384  
201701042071 (11256244-F)  
**MY CO2 (KL) SDN BHD** | SAMM No. 564  
201501029820 (1155142-A)  
**MY CO2 (JB) SDN BHD** | SAMM No. 752  
201501029979 (1155302-A)

**MY CO2 CERTIFICATION SDN BHD**  
201601026513 (1197752-0)  
**MY CO2 CERTIFICATION PTE LTD**  
201701062911  
**MY CO2 SDN BHD**  
200601024694 (144433-A)

16, Lengkok Kikik 1, Taman Inderawasih, 13600 Perai, Penang, Malaysia.  
40, Jalan Sepadu B25/B, 40400 Shah Alam, Selangor, Malaysia.  
15, Jalan Molek 1/8, Taman Molek, 81100 Johor Bahru, Johor, Malaysia.  
enquiry@myco2.com.my      www.myco2.com.my

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T: 07-355 8811      F: 07-355 9808

## Certificate of Analysis

Lab Ref No.: **AL2102-B85708**

SN: **RS8935494740404226**

Page 2 / 2

**Nyeoh Yeong Sheng**  
Asst QA Manager

IKM No: L/1910/6319/12 Food Analyst No: MJMM0491  
AN1: RA2709415637762589

**Wong Hui Xian**  
Chemist

IKM No.: L/2134/7206/15  
AN2: RA1221121443480936

### - END OF REPORT -

This Test Report is prepared according to our standard testing requirements and based solely on the samples submitted by you. We have made every reasonable effort to ensure the accuracy and reliability of the information provided herein. However, we shall not be deemed to have warranted or guaranteed the accuracy and reliability of the results contained in the Test Report under whatsoever circumstances. Neither shall we be liable and responsible for any loss or damage of whatever nature (direct, indirect, incidental, economical, punitive and consequential) caused or alleged to be caused by or in connection with and arising out of the use of or reliance on this Test Report.

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COA Authentication



**SIRIM QAS International Sdn. Bhd.**  
 (Company No.: 199601037981 (410334-X))  
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 40700 Shah Alam, Selangor Darul Ehsan, Malaysia  
 Tel: 03-55446682  
 Fax: 03-55446688  
 www.sirim-qas.com.my



**TEST REPORT**

REPORT NO : 2021CE1522	PAGE : 1 OF 3
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**THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY**

Applicant : ARMILA GROUP SDN BHD  
 No. C, Persiaran Alam Venue, 8-1,  
 Jalan Serai Wangi H 16/H, Seksyen 16,  
 40200 Shah Alam, Selangor, Malaysia.

Manufacturer : NEW DIRECTIONS  
 Australia Pty Ltd 47 Carrington Road,  
 2204 Marrickville.

Product : KAK ELL HA CLEANSER

Reference Standard / Method of Test : 1) Guidelines for Control of Cosmetic Products In Malaysia, 1st Revision – February 2017, National Pharmaceutical Regulatory Division Ministry Of Health, Malaysia.  
 2) In-House Method CEST/TP/MM/In-House 011: Metal Contamination - Determination of Arsenic, Cadmium and Lead In Cosmetic Product.  
 3) In-House Method CEST/TP/MM/In-House 015 Determination of Mercury By Mercury Analyzer

Description of sample : Received one (1) sample of KAK ELL HA CLEANSER for testing which was identified as in next page.

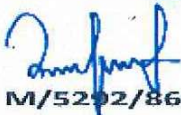
Date Received of Complete Application : 09 September 2021

Job No. : J20211401137

Description of Test Results : The test results of the submitted test sample are described in Page 2 of this test report.

Issued Date : 24 September 2021

Approved Signatory;

  
 IKM M/5292/8660/20

(MUHAMMAD ZUHAIRI BIN BO) (IGAN)  
 Testing Executive



  
 (HAHNAS BINTI MAHBUT)  
 Head  
 Chemical & Consumer Section  
 Testing Services Department

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## TEST RESULTS

**Product** : KAK ELL HA CLEANSER  
**Brand** : Armila Group  
**Model** : Kak Ell  
**Type** : CLEANSER  
**Rating** : NOT201100397K  
**Size** : 50 ml  
**Product description** : KAK ELL HA CLEANSER

No.	Type of Tests	Measurement Techniques	Requirements of Guidelines for Control of Cosmetic Products <sup>(a)</sup>	Results	Remarks
1.	Heavy Metals				
	a) Arsenic (As), mg/kg (CEST/TP/MM/In-House 011)	ICP-OES <sup>(c)</sup>	5 max	< 0.03 <sup>(b)</sup>	Pass
	b) Lead (Pb), mg/kg (CEST/TP/MM/In-House 011)	ICP-OES <sup>(c)</sup>	20 max	< 0.02 <sup>(b)</sup>	Pass
	c) Cadmium (Cd), mg/kg (CEST/TP/MM/In-House 011)	ICP-OES <sup>(c)</sup>	5 max	< 0.01 <sup>(b)</sup>	Pass
	d) Mercury (Hg), mg/kg (CEST/TP/MM/In-House 015)	MA <sup>(d)</sup>	1 max	< 0.01 <sup>(b)</sup>	Pass

Note :

- 1) <sup>a)</sup> Guidelines for Control of Cosmetic Products In Malaysia, 1<sup>st</sup> Revision – February 2017, National Pharmaceutical Regulatory Division Ministry Of Health, Malaysia
- <sup>b)</sup> Limit of quantitation
- <sup>c)</sup> Inductively Coupled Plasma Optical Emission Spectrometer
- <sup>d)</sup> Mercury Analyzer
- 2) Testing period: 14 – 15 September 2021
- 3) Simple acceptance rule is used for the conformity statement. The level of risk regarding the probability of false accept is up to 50%



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  - a) Informing and placing a notice in the media;
  - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
  - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
  - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
  - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
10. SIRIM QAS International is committed in supporting an environmentally-friendly business practices by reducing paper consumption, therefore we do not issue any hard copy of Test Report to the Applicant. However, additional certified true copy(ies) or softcopy of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee. The certified true copy(ies) or softcopy of test report shall only be given for test report issued not more than three (3) years from the date of issuance.
11. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
  - a) Changes in details of the Applicant name and/or address;
  - b) Changes in details of the Manufacturer's name and/or address;
  - c) Changes in details of the Factory location name and/or address;
  - d) Changes in details of the model and/or type designation
12. However, issuance of Supplementary Report due to the following reasons are FOC :
  - a) Misprints and typo errors;
  - b) Missing technical information as agreed in PP1 form;
  - c) Test data not reported;
  - d) Mistake in reporting of test data
13. Corrections to report shall only be allowed if the date of issuance of the original report has not exceeded 6 months and shall be limited to a maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.