



REPORT OF THE THIRD ASEAN COSMETIC TESTING LABORATORIES COMMITTEE (ACTLC)

26 November 2013, Kuala Lumpur, Malaysia

INTRODUCTION

1. The 3rd Meeting of the ASEAN Cosmetic Testing Laboratories Committee (ACTLC) was held on 26 November 2013, Kuala Lumpur, Malaysia.
2. The Meeting was chaired by Ms. Hansa Chaivanit, Medical Scientist, Advisory Level (Laboratory Standards), Department of Medical Sciences, Ministry of Public Health, Thailand and co-chaired by Ms. Kiang Kin Har, Analyst, Health Sciences Authority (HSA), Singapore.
3. The Meeting was attended by representatives from Brunei Darussalam, Cambodia, Indonesia, Malaysia, Philippines, Singapore, Thailand, Viet Nam and representatives from the ASEAN Secretariat and from ASEAN Regional Integration Supported by EU (ARISE). The list of participants appears as **ANNEX 1**.

AGENDA ITEM 1: ADOPTION OF AGENDA

4. The Meeting adopted the agenda which appears as **ANNEX 2**.

AGENDA ITEM 2: BUSINESS ARRANGEMENT

5. The Meeting was held in plenary.

AGENDA ITEM 3: FOLLOW-UP FROM THE 2nd MEETING OF THE ASEAN COSMETIC TESTING LABORATORIES COMMITTEE (ACTLC)

6. The Chair of the ACTLC briefed the Meeting on matters arising from the 2nd Meeting of ACTLC held on 22 May 2013 in Vientiane, Lao PDR and the follow-up actions taken on the matters arising from the meeting. The matrix follow up action from 2nd ACTLC Meeting appears as **ANNEX 3**.
7. The Meeting agreed to discuss the pending issues from the last meeting under the corresponding agenda items.

AGENDA ITEM 4: TECHNICAL ASSISTANCE FOR COSMETIC TESTING LABORATORIES

8. The Chair of the ACTLC informed the Meeting on the progress made with the proposal of technical assistance in cosmetic testing which was submitted to Physikalische-Technische Bundesanstalt (PTB) Germany. The matrix of compilation of possible technical assistance appears as **ANNEX 4**.

9. The Meeting reviewed the matrix of compilation and further discussed priorities for technical assistance, which include as follows:

- a) Training on method validation;
- b) Inter-laboratory validation studies;
- c) Sourcing for Certified Reference Materials (CRM);
- d) Training on ASEAN Cosmetic Testing Methods (ACMs);
- e) Training on Proficiency Testing on cosmetic, particularly microbiology area;
- f) Creating Web-based Platform for ACTLC to facilitate communication and share resources.

All of the above technical assistance are for the area of chemical and microbiological testing.

10. The Meeting was further briefed by the representative of ARISE on proposed technical assistance for the cosmetic testing. The presentation from ARISE appears as **ANNEX 5**.

11. The Meeting noted on ARISE proposal to have a Workshop on potential issues for ACTLC consideration, including:

- a) Role of ACTLC and network of laboratory in support of implementation of ASEAN Cosmetic Directive (ACD);
- b) Enabling recognition of test result across ASEAN;
- c) Establishment of validated analytical methods;
- d) Sharing of laboratory resources between Member States.

12. The Meeting further agreed to have item 9 a, b), and e) to be explored with PTB support and 9 c), d) and f) to be discussed within Workshop to be supported by ARISE.

13. The Meeting requested the ASEAN Secretariat to discuss and coordinate with PTB and ARISE in order to avoid any duplication of work. The ASEAN Secretariat will share the outcome of discussion with PTB and ARISE by **31 January 2014** for further comment by ACTLC.

14. The Meeting also agreed to have Thailand as lead country to follow up on establishment of 'ASEAN Cosmetic Reference Material Database'. A Work Plan will be developed by Thailand and to be presented at the 4th ACTLC Meeting.

AGENDA ITEM 5: REVIEW OF ASEAN COSMETIC METHODS (ACMs)

15. The Lead Countries for the ACMs, Indonesia, Malaysia, Singapore, and Thailand, presented the final draft of the respective ACMs.

ACM 001 and 002

16. Singapore presented to the Meeting the draft ACM 001 'Identification of Tretinoin (Retinoic Acid) in Cosmetic Products by TLC and HPLC' and ACM 002 'Identification of Prohibited Colorants in Cosmetic Products by TLC and HPLC', together with proposed amendment. Singapore further shared the consolidated TLC results. The presentation and the consolidated TLC result appear together as **ANNEX 6.**

17. The Meeting agreed with the proposed amendment on the draft ACM 001 and 002, and to keep developing solvent 3, 4, 5 and 6 in the testing method. The final version of ACM 001 and 002 appear together as **ANNEX 7.**

ACM 003 and 004

18. Indonesia presented to the Meeting on revised draft ACM 003 'Identification and Determination of Hydroquinone in cosmetic products by TLC and HPLC' and ACM 004 'Identification and Determination of Parabens'.

19. The Meeting discussed and agreed with proposed amendment. The final version of ACM 003 and 004 appear together as **ANNEX 8.**

ACM 005 and 006

20. Thailand presented to the Meeting the revision of ACM 005 'Determination of Heavy Metals in Cosmetic Products' and ACM 006 'Enumeration of aerobic mesophilic bacteria, yeast and mould'.

21. The Meeting discussed and agreed with the revision of both ACMs. The Meeting also agreed to change the title of ACM 006 to 'Enumeration and detection of aerobic mesophilic bacteria, yeast and mould' as in accordance with the ISO 21149 and ISO 16212. The final version of ACM 005 and 006 appear together as **ANNEX 9.**

ACM 007 and 008

22. Malaysia presented to the Meeting the proposed amendment on ACM 007 'Identification of steroids in cosmetic products by TLC and HPLC' and ACM 008 'Preservative Efficacy Test for Cosmetic Product'.

23. The Meeting discussed and agreed on the ACMs, and changed the title of ACM 008 to 'Evaluation of anti-microbial protection of a cosmetic product' as in accordance with the ISO 11930. The final version of ACM 007 and 008 appear together as **ANNEX 10**.

24. The Meeting agreed to seek endorsement from ACC on the finalized ACMs. The Meeting also requested the ASEAN Secretariat to publish the revised version of ACMs at the ASEAN website upon the endorsement by ACC.

AGENDA ITEM 6: PROPOSED ASEAN GUIDELINES FOR ANALYTICAL METHOD VALIDATION BY INTER-LABORATORY COMPARISON

25. Philippines presented the revised draft of ASEAN Guidelines for Analytical Method Validation by Inter-Laboratory Comparison taking into consideration comments received from Brunei Darussalam and Malaysia. The compilation of comments and the revised draft appear together as **ANNEX 11**.

26. The Meeting noted that the comment from Indonesia on statistical method has yet to be included in the revised version. The Meeting agreed on the following course of action:

- a) Member States to submit their comment on the revised draft of the Guideline to Philippines by **1 January 2014** by using the agreed template as appears in **ANNEX 12**;
- b) Philippines to gather all comments and make necessary revision on the revised draft of the Guideline and subsequently circulate to Member States by **1 February 2014**;
- c) Further discussion on the revised guideline will be tabled at the 4th ACTLC Meeting.

AGENDA ITEM 7: NEW ASEAN COSMETIC METHODS

7.1 Proposed criteria on new ACMs

27. Singapore presented the criteria on new ACMs which appears as **ANNEX 13**.

28. The Meeting discussed on the following criteria for new ACMs:

- a) Based on ingredients listed in ACD Annexes II, III, IV, VI, and VII;

- b) Availability of validated test method;
- c) Availability of standards, reagents and instruments;
- d) Any other requests which ACTLC deemed necessary.

29. The Meeting requested Member States to review the document and submit their comment to Singapore/Thailand by **1 January 2014**.

7.2 Proposed New ACMs

30. The Chair presented to the Meeting the priority list for new ACMs as follows:

- a) Determination of DEG;
- b) Screening and determination of hair dye;
- c) Screening of colorants (expansion to current ACM);
- d) Determination of fluoride in toothpaste;
- e) Determination of AHA (Glycolic acid and lactic acid);
- f) Determination of BHA (Salicylic acid);

The list appears as **ANNEX 14**

31. The Meeting discussed and agreed to appoint Lead and participating countries for the proposed new ACMs, as follows:

No	Testing for	Lead Country	Participating Countries
1	Determination of DEG by GC-MS	Philippines	Malaysia, Thailand, Singapore, Indonesia, Brunei Darussalam
2	Screening and determination of hair dyes by HPLC-PDA	Singapore	Thailand, Philippines, Brunei Darussalam, Cambodia, Indonesia, Vietnam, Malaysia
3	- Determination of AHA (Glycolic and lactic acid) - Determination of BHA (salicylic acid)	Thailand	Singapore, Cambodia, Indonesia, Vietnam, Brunei Darussalam, Malaysia

32. The Lead country will circulate the proposed test methods to interested countries **by 1 January 2014**. The countries will review the method and ensure that there are sufficient resources to participate in testing. The countries will confirm their participation to lead country **by 1 February 2014**.

AGENDA ITEM 8: EVALUATION RESULTS ON PROFICIENCY TESTING SCHEME

33. Thailand presented the evaluation result on Proficiency Testing Scheme conducted in May 2013. The presentation appears as **ANNEX 15**.

AGENDA ITEM 9 : OTHER MATTERS

34. There is no other matter being discussed.

AGENDA ITEM 10 : ADOPTION OF THE REPORT

35. The Meeting considered and adopted the Report of the 3rd Meeting of the ASEAN Cosmetic Testing Laboratories Committee held on 26 November 2013 in Kuala Lumpur, Malaysia.

ACKNOWLEDGEMENT

The delegates of Brunei Darussalam, Cambodia, Indonesia, Philippines, Singapore, Thailand and Viet Nam expressed their appreciation to the National Pharmaceutical Control Bureau, Ministry of Health Malaysia for the warm hospitality extended and the excellent arrangements made for the Meeting. The Meeting thanked the ASEAN Secretariat for the assistance provided.

The Meeting was held in the traditional spirit of ASEAN cordiality and solidarity.