

BRITISH PHARMACOPOEIA COMMISSION

Expert Advisory Group (EAG): Herbal and Complementary Medicines (HCM)

SUMMARY MINUTES

A meeting of this Expert Advisory Group was held at 151 Buckingham Palace Road, London, SW1W 9SZ on 22nd June 2017.

Present: Professor M Simmonds (*Chair*), Dr L Anderson (*Vice-Chair*), Mr P Anderson, Dr C Leon, Dr R Middleton, Mr B Moore, Dr E Reich, Dr M Rowan, Dr K Strohfeldt-Venables, Mr J Sumal, Mr C Welham and Dr K Zhao. Professor A Slater (*Chair of Panel DNA*) also attended the meeting.

Apologies: Professor E Williamson, Dr M Pires.

In attendance: Dr P Holland, Dr C Lenihan, Ms M Wall, Mr L Elanganathan, Mr S Young, Mr M Whaley, Ms C Gkouva, Mr L Gibson, Dr M Kalantarzadeh, Mrs C Galdino, Mr S Humphries and Ms F Lee.

554 Introductory Remarks

554.1 **Welcome** The Chair welcomed members and all attendees briefly introduced themselves due to the new additions to the EAG.

Comments had been received from a corresponding member and these were taken into consideration during discussion of the relevant agenda items.

554.2 **Declaration of interests** Members were reminded to declare any relevant interests where appropriate before the start of the discussion of each paper.

I MINUTES

555 The minutes of the meeting held on 23rd November 2016 were confirmed.

II MATERS ARISING FROM THE MINUTES

556 A list of matters arising from the minutes of the November 2016 meeting was provided. There were no further comments.

III REPORTS AND CORRESPONDENCE

557 **BP work programme** HCM(17)01

The EAG HCM work programme was presented to members for information.

558 **Ways of working** HCM(17)02

A new proposal to enhance the EAG's way of working was presented to members for information.

559 **BP 2018 New and Revised Monographs** HCM(17)03

A list of new and revised texts included for publication in the BP 2018 was provided for information. No further comments were received.

560 **Lobelia Herb BP** HCM(17)04

Correspondence was received from a manufacturer of Lobelina tablets, who had been unable to procure *Lobelia inflata* from suppliers as they have been unable to comply with the BP 1988 monograph. Practical issues were highlighted due to the current lack of expertise of performing potentiometric assays.

Members agreed that this proposed revision should be added to the BP work programme.

561 **Processed White Peony Root BP** HCM(17)05

The BP Laboratory had reported issues with the Paenoflorin BPCRS and members agreed that this BPCRS should be replaced with the EPCRS.

562 **Liquorice Liquid Extract** HCM(17)06

A HPTLC method had been developed following discussions at the November 2016 EAG HCM meeting. Members agreed that the monograph should be updated to include the proposed HPTLC method. Members discussed the need for an Assay when used as a flavouring, and agreed that further investigation was required.

563 **Validation – Microwave oven** HCM(17)07

A validation report was presented of the new microwave furnace, which was to be used for Loss on Drying and Total Ash tests. Members endorsed the use of this instrument, and agreed that a statement should be included in the BP permitting the use of a microwave furnace, in addition to a traditional oven.

564 **Update on Quarantine Procedure** HCM(17)08

The BP-NIBSC herbal laboratory outlined their current quarantine procedure to members for information.

IV MONOGRAPHS IN PROGRESS

565 **Clivers (*Galium aparine*)** HCM (17)09

The draft monograph would be included in a future publication, subject to comments from manufacturers.

566 **Nutmeg** HCM(17)10

The draft monograph would be included in a future publication, subject to comments from manufacturers.

567 **Glehnia Littoralis Root** HCM(17)11

The draft monograph would be included in a future publication, subject to comments from manufacturers.

568 **Calcium Sennosides** HCM(17)12

The draft monograph would be included in a future publication, subject to comments from manufacturers.

V NEW MONOGRAPHS

569 **Alisma Plantago-Aquatica** HCM(17)13

The draft monograph would be included in a future publication, subject to comments from manufacturers.

570 **Cyperus rotundus** HCM(17)14

The draft monograph would be included in a future publication, subject to comments from manufacturers.

571 **Tinospora Cordifolia Stem** HCM(17)15

The draft monograph would be included in a future publication, subject to comments from manufacturers.

VI REVISION OF MONOGRAPHS

572 **Quillaia** HCM(17)16

A HPTLC method had been developed at the BP-NIBSC herbal laboratory. The method was considered fit for purpose. A revision would be requested to the EDQM to revise the Ph. Eur. monograph to include the HPTLC method.

573 **Squill** HCM(17)17

Additional samples had been sourced and the monograph development would be progressed at the earliest opportunity.

VII PANEL DNA ACTIVITIES HCM(17)18

574 The chair of the Panel of DNA Identification Techniques and gave an overview of the work of the Panel. It was agreed that summary reports would be included for future EAG HCM meetings, and DNA barcodes would be included in regular updates to the Supplementary Chapter.

VII EUROPEAN PHARMACOPOEIA

575 **European Pharmacopoeia Reports** HCM (17)19

Informal reports from EDQM Groups of experts and Working Party were discussed.

VII ANY OTHER BUSINESS

576 Members would be advised of dates and rooms for meetings in 2018.

577 It was noted that a new expenses process was in place.

**MATTERS ARISING FROM PREVIOUS MEETINGS
OTHER THAN THOSE MENTIONED ON THE AGENDA**

Minute 358: Adhatoda Vasica Root (Malabar Nut)

Monograph work is on-going.

Minute 487: Phyllanthus Amarus

The DNA analysis will be completed at the earliest opportunity.

Minute 539: Cinnamic Acid

The BP Commission considered omitting the published BP monograph for Cinnamic Acid at the March 2017 meeting. Information had been received that Cinnamic Acid was widely used as an excipient and Paraldehyde Injection was still marketed in Australia. With this in mind the BP Commission agreed to retain the monograph.

Minute 543: Spearmint Aerial Parts

Monograph development was ongoing and HCM would be updated at the earliest opportunity.

Minute 544: Indian Sandalwood Oil

Due to limited resource, the actions could not be progressed. The Secretariat will work to progress the monograph development at the earliest opportunity.

Minute 552: Toxicodendron Quercifolium for Homoeopathic Preparations

The discussions are on-going.

Expert Advisory Group (EAG): Herbal and Complementary Medicines (HCM)

Acronym/Synonym	Name
APhI	Ayurvedic Pharmacopoeia of India
ARTG	Australian Register of Therapeutic Goods
ATA	Ayurvedic Trade Association
BHP	British Herbal Pharmacopoeia
BHomP	British Homoeopathic Pharmacopoeia
BP	British Pharmacopoeia
BP (Vet)	British Pharmacopoeia (Veterinary)
BP Commission	British Pharmacopoeia Commission
BPCx	British Pharmaceutical Codex
BPCRS	British Pharmacopoeia Chemical Reference Substance
BS	British Standard
CMPACC	Chinese Medicinal Plants Authentication and Conservation Centre (Kew)
CEP	Certification Procedure for the European Directorate for the Quality of Medicines
CHM	Commission on Human Medicines
CP	Pharmacopoeia of the People's Republic of China
CRS	Chemical Reference Substance
EAG	Expert Advisory Group
EPC	European Pharmacopoeia Commission
EPCRS	European Pharmacopoeia Chemical Reference Substance
EU	European Union
FDA	Food and Drug Administration
FIP	International Pharmaceutical Federation
FoI	Freedom of Information
GC	Gas chromatography
GMP	Good Manufacturing Practice
HAB	German Homoeopathic Pharmacopoeia
HKCMMS	Hong Kong Chinese Materia Medica Standards
HMPC	Herbal Medicinal Products Committee
ICH	International Conference on Harmonisation
IR	Infrared
ISO	International Organisation for Standardisation
JP	Japanese Pharmacopoeia

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LC	Liquid chromatography
LD	Licensing Division
LGC	Laboratory of the Government Chemist, Teddington
LR	BP Laboratory Report
MAIL	Medicines Act Information Leaflet
MHRA	Medicines and Healthcare products Regulatory Agency
MPNS	Medicinal Plant Names Services - Royal Botanic Gardens, Kew
NIBSC	National Institute for Biological Standards and Control
NPA	National Pharmacopoeial Authority
OMCL	Official Medicines Control Laboratory
Ph Eur	European Pharmacopoeia
PMU	Pharmacy Medicines Unit – to be confirmed
QSIMP	Quality Standards of Indian Medicinal Plants
SPC	Special Product Characteristics
TGA	Therapeutic Goods Administration, Australia
THMPD	Traditional Herbal Medicinal Products Directive
TLC	Thin layer chromatography
UK	United Kingdom
UKD	United Kingdom Delegation [to the European Pharmacopoeia]
USP	United States Pharmacopeia
UV	Ultraviolet
WHO	World Health Organization