

Study Group / Task Force Name: Quality Assurance

Study Group / Task Force Members and Affiliations:

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Objectives:

Report on activities in metrology, quality assurance, accreditation and all areas related to quality issues of analytical chemistry. Liaison to other Divisions, working groups, working parties and governmental bodies. Accreditation of laboratories is common practice in industry and accreditation is introduced in order to sustain quality and reliability. Practices and procedures of quality assurance are considered also in science and the influence on quality of scientific results is evaluated and discussed. The aim of the Study Group 'Quality Assurance' is to follow the development of quality assurance and metrology in analytical chemistry and produce guidelines for assessing the quality of results, which ultimately can create a new basis for decision-making that may have an impact on the way research is carried out. Both statistics and metrology are currently considered for further developments and improvements as to meet contemporary demands for quality in analytical chemistry.

Activities and Outputs in 2014-2015 (e.g. reports, publications, seminars, meetings):

1. Eurachem General Assembly, Executive Committee Meeting, Meetings of Working Groups, Warsaw, Poland, 26-29 May 2015. (Minutes of WG QA attached).
2. Eurachem meeting of Task Group for the revision of 'Guide to Quality in Analytical Chemistry', LGC, Teddington, UK, 29-30 April 2015. (Minutes attached).
3. Eurachem TAM leaflet produced for promotion to a wider audience of Vocabulary in Metrology, 3<sup>rd</sup> ed. (VIM3).
4. Eurachem Reading List of QA literature revised and updated.
5. Eurachem GUIDE TO QUALITY IN ANALYTICAL CHEMISTRY CITAC/Eurachem, 3<sup>rd</sup> ed., Guide to Quality in Analytical Chemistry: An Aid to Accreditation under revision. To be completed ultimo 2015.
6. Eurachem Survey conducted on Use of Social Media to promote Eurachem Activities.
7. Jens E.T. Andersen (Trainer), European Commission EDES-COLEACP Training Program of QA and Analysis of Heavy Metals in Food Products, NARI Laboratories, Port Morris, Papua New Guinea, October 13 – 24, 2014.
8. Jens E.T. Andersen (Trainer), European Commission EDES-COLEACP Training Program of QA and Analysis of Heavy Metals in Food Products, CELOS and ADEK Laboratories, Paramaribo, Suriname, November 3 – 14, 2014.
9. Elin L. Gjengedal, Participated in the Eurachem Method Validation Working Group, June 11. and 12., 2015 in Gent, Belgium
10. Elin L. Gjengedal, Member Scientific Committee for the Eurachem Workshop: Method Validation in Analytical Science – Current Practice and Future Challenge. Gent, Belgium, May 9.- 10., 2016

Attachments.

1. ETWG\_2015-10\_26-27 May 15\_Minutes\_Final
2. ETWG\_2014-6 21-22.5.14 Minutes\_Final

Activities planned for 2015-2016:

Ongoing activities outlined in attached document authored by Hendrik Emons.

Attachment.

1. QA Report for DAC 2015\_HE

Report submitted by: Jens E.T. Andersen

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