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<th>Study Group: Quality Assurance</th>
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**Study Group / Task Force Members and Affiliations:**
- Jens E.T. Andersen (Head), DTU Chemistry, Denmark
- Hendrik Emons, IRMM, EC
- Elin L. Gjengedal, Liaison to Eurachem, NMBU, Norway

**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 2013-2014** (e.g. reports, publications, seminars, meetings):

**Meetings:**
- TDRM Symposium on dispute resolution at the Annual AOAC Meeting 2013 in Chicago, USA (see Accred. Qual. Assur. (2014) 19:47–49)

**Teleconference:**

**Surveys:**

**Publications:**

**Activities planned for 2014-2015:**
1. Follow activities of Eurachem and contribute to meetings and publications
2. Publish results of quality assurance
3. Contribute to conferences, e.g. 2nd Conference on Analytical Chemistry, Targoviste, Romania, September 17 – 21, 2014

**Report submitted by:** Jens Andersen

**Date submitted:** August 11, 2014