

The following PT Scheme links are provided for information purposes only and EAS makes no recommendation on the credibility or competence of such schemes:

EPTIS – An internet based directory of proficiency testing schemes in Europe and the U.S.: <http://www.eptis.bam.de/>

RCPA Quality Assurance Programs (Pty) Ltd - Australia:

<http://www.rcpaqap.com.au>

Proficiency Testing Australia – a wholly owned subsidiary of NATA :

<http://www.proficiencytesting.com.au>

Proficiency Testing Programs and Reference Materials (ISO 17025):

<http://www.fasor.com/iso25/>

China NIL Research Centre for Proficiency Testing Schemes: elements in metals and ores: <http://english.nil.org.cn>

FAPAS and FEPAS - Food Chemistry and Food Microbiology:

[www.fapas.com](http://www.fapas.com)

LGC (Laboratory of the Government Chemist, UK) PT Schemes:

[www.lgc.co.uk](http://www.lgc.co.uk)

SABS Water Check Scheme: Chemical testing in water PT Scheme

[www.sabs.co.za](http://www.sabs.co.za)

Thistle Medical Pathology PT Schemes, South Africa

[www.thistle.co.za](http://www.thistle.co.za)

SCS ENVIRO SERVICES PRIVATE LIMITED PT DIVISION ,INDIA

[www.scsenviro.in](http://www.scsenviro.in)

NIL Research Center for Proficiency Testing, China

<http://english.nil.org.cn>

### **key comparison data base**

Eptis Proficiency Scheme database ([www.eptis.bam.de/en/index.htm](http://www.eptis.bam.de/en/index.htm))

### Standards

ISO 13528:2015. Statistical methods for use in proficiency testing by interlaboratory comparisons. ([www.iso.org](http://www.iso.org))

ISO/IEC 17043:2010. Conformity assessment -- General requirements for proficiency testing. ([www.iso.org](http://www.iso.org))

#### Guides

EA-4/21 INF: 2018, Guidelines for the assessment of interlaboratory comparisons with few participants organized by laboratories and measurement audits by accreditation bodies in the process of laboratory accreditation ([www.european-accreditation.org](http://www.european-accreditation.org))

EA-2/18: INF 2015, Guidelines for accreditation bodies on the contents of the scopes of accreditation for proficiency testing providers, 2015 ([www.european-accreditation.org](http://www.european-accreditation.org))

I. Mann, B. Brookman (Eds), Selection, use and interpretation of proficiency testing (PT) schemes by laboratories, 2<sup>nd</sup> Edition, Eurachem, 2011 ([www.eurachem.org](http://www.eurachem.org))

EA-4/18, Guidance on the level and frequency of proficiency testing participation, 2010 ([www.european-accreditation.org](http://www.european-accreditation.org))

#### Articles and reports

ILAC B6:01/2018, Benefits for laboratories participating in proficiency testing programs ([www.ilac.org](http://www.ilac.org))

I. Kuselman, A. Fajgelj, IUPAC/CITAC Guide: Selection and use of proficiency testing schemes for a limited number of participants – chemical analytical laboratories (IUPAC Technical Report). Pure Appl. Chem., 2010, 82(5), 1099-1135 (<http://www.degruyter.com/pac>)

M. Thompson, S. L. R. Ellison, R. Wood, The International Harmonized Protocol for the proficiency testing of analytical chemistry laboratories, IUPAC Technical Report, Pure Appl. Chem., 2006, 78(1), 145-196 ([www.degruyter.com/pac](http://www.degruyter.com/pac))

Eurolab cookbooks ([www.eurolab.org/cookbooks.aspx](http://www.eurolab.org/cookbooks.aspx))

Doc No. 2.0, Criteria for the selection of a proficiency testing scheme, 2017

Doc No. 42, Use of interlaboratory comparison data by laboratories

Eurachem information leaflets

Proficiency testing - how much and how often? (2017) ([www.eurachem.org](http://www.eurachem.org))

Selecting the right proficiency testing scheme for my laboratory (2015)

([www.eurachem.org](http://www.eurachem.org))

How can proficiency testing help my laboratory? (2013) ([www.eurachem.org](http://www.eurachem.org))

Pre- and post-analytical PT (2009) ([www.eurachem.org](http://www.eurachem.org))

Proficiency testing schemes and other interlaboratory comparisons (2005)

([www.eurachem.org](http://www.eurachem.org))

AMC Technical Briefs, RSC,

([www.rsc.org/Membership/Networking/InterestGroups/Analytical/AMC/TechnicalBriefs.asp](http://www.rsc.org/Membership/Networking/InterestGroups/Analytical/AMC/TechnicalBriefs.asp)):

AMC TB 78-2017 Proficiency testing of sampling

AMC TB 74-2016, z-Scores and other scores in chemical proficiency testing - their meanings, and some common misconceptions

AMC TB 68-2015, Fitness for purpose: the key feature in analytical proficiency testing

AMC TB 56-2013, What causes most errors in chemical analysis?

AMC TB 19A-2008, General and specific fitness functions for proficiency tests and other purposes - clarifying an old idea

AMC TB 18A-2005, What is proficiency testing? Guide for end-users of chemical data

AMC TB 18-2004 (revised April 2007), GMO Proficiency testing: Interpreting z-scores derived from log-transformed data

AMC TB 16-2004, Proficiency testing: assessing z-scores in the longer term

AMC TB 11-2002, Understanding and acting on scores obtained in proficiency testing schemes

AMC TB 02-2000 (revised December 2005), How to combine proficiency test results with your own uncertainty estimate - the zeta score