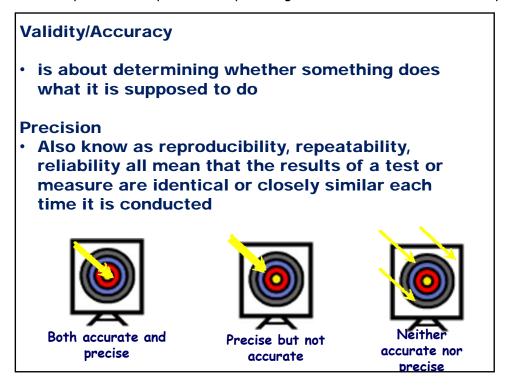
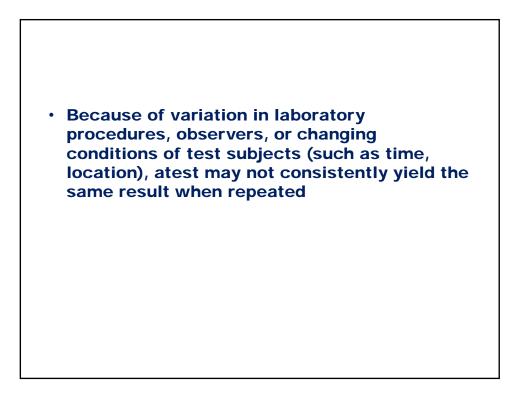


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## Internal quality control in laboratory

- set of procedures undertaken by the staff to ensure quality of reports
- total process beginning with sample collection up to final reporting

Standard Operating Procedures (SOP)

 comprehensively written document that describes the laboratory procedure and all other related issues

 Essential for ensuring uniformity in laboratory procedures



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### External Quality Assessment(EQA)

 According to the ISO definition, EQA (also known as 'proficiency testing' (PT) or 'EQ Control = EQC') refers to : a system of objectively checking laboratory results by means of an external agency including comparison of a laboratory's result at intervals with those of other laboratories the main objective being the establishment of trueness

Laboratory-performance study(Proficiency testing)

• Objective: to assess the performance of a laboratory (ies) [oranalyst (s)]

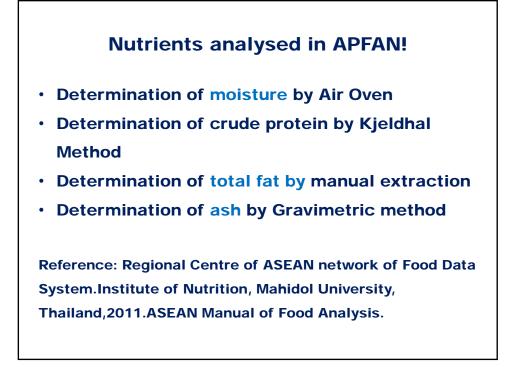
• Activities: a group of laboratories analyse one or more components of one or more homogenous and stable testsamples by the methods used or selected by each laboratory.

• Outcome: status of laboratory performance, selection of methods for specific analysis, development of consensus values of analytes (?)

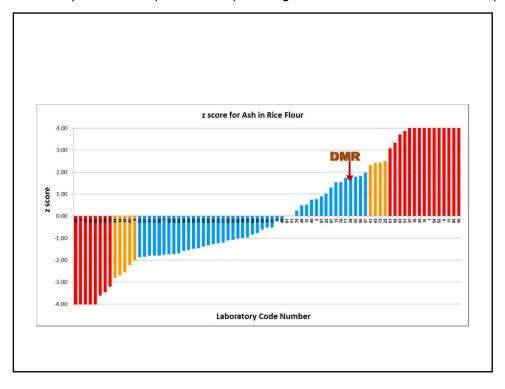


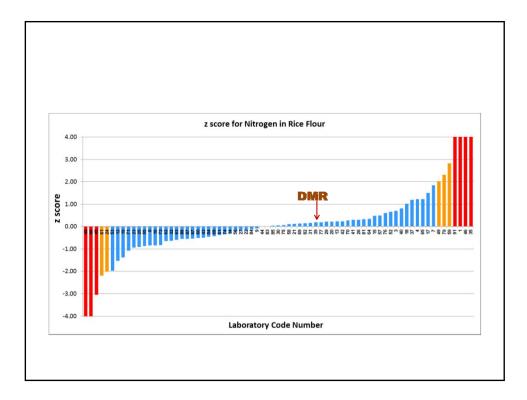
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# Participating Analytical Proficiency Testing (PT) to Improve Food Laboratory Analyses

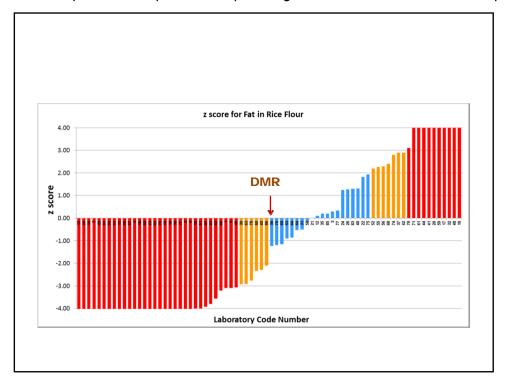


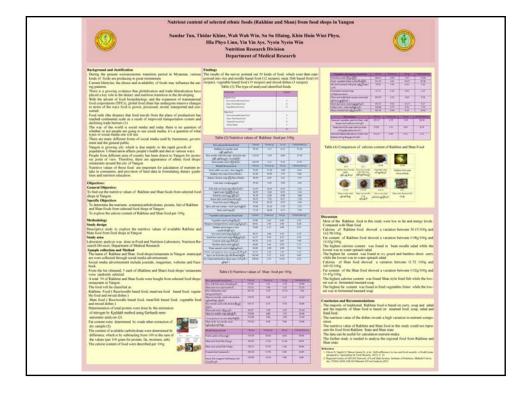












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