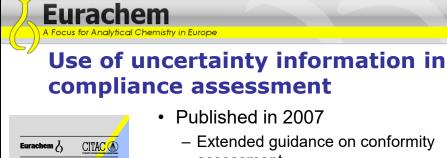




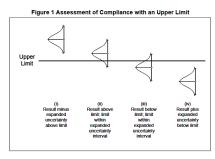
## **Measurement uncertainty arising** from sampling



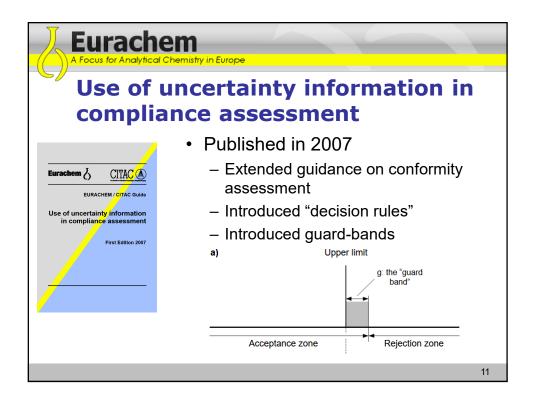
- First published 2007
  - First guide to include sampling as a source of uncertainty
  - Included Guy particulate theory and a practical "duplicate method"
- Updated 2019
  - Improved handling of skewed distributions
  - Added 'uncertainty factor'

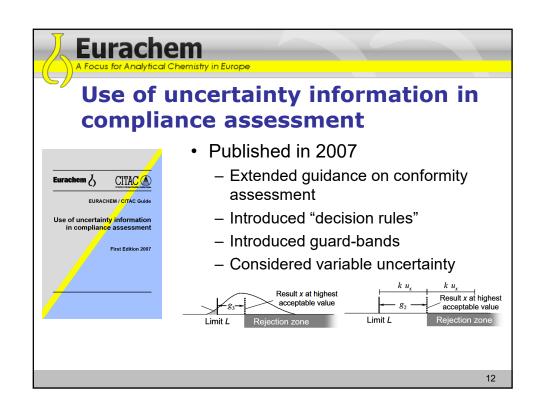


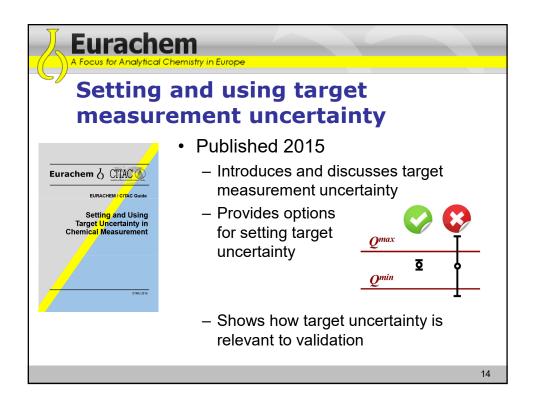
- EURACHEM / CITAC Guide Use of uncertainty information in compliance assessment
- assessment

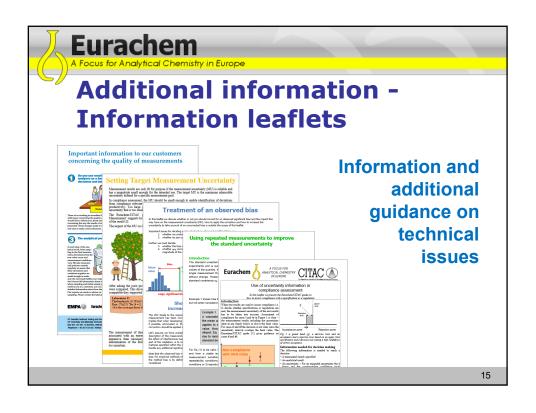


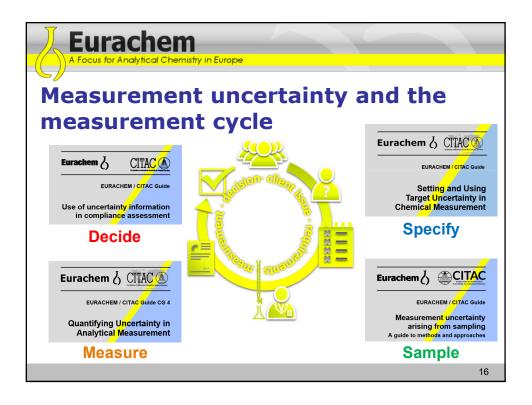
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## **Summary**

- · Measurement uncertainty matters
  - from specification to decision
- Four Eurachem guides
  - Setting target measurement uncertainty
  - Quantifying uncertainty
  - Uncertainty from sampling
  - Uncertainty in conformity assessment
- · Additional information in leaflets

All Guides are available free of charge from <a href="www.eurachem.org">www.eurachem.org</a> and several translations are available at national Eurachem websites.



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