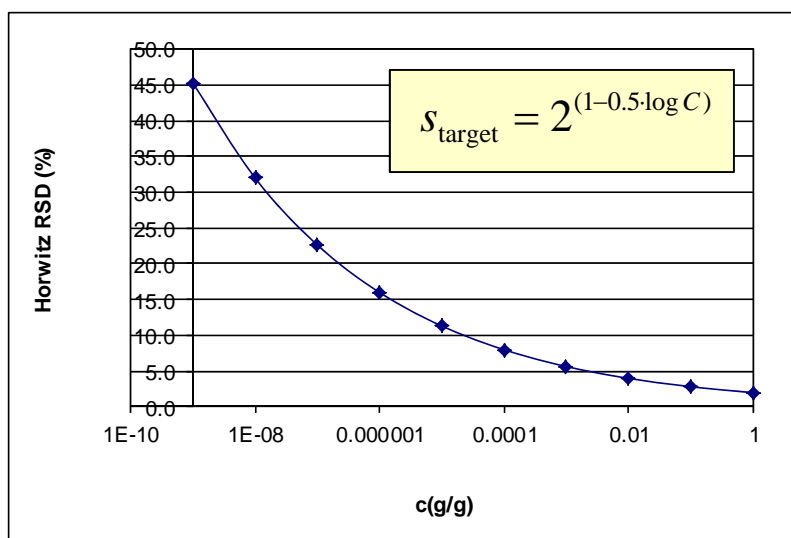


Horwitz equation and plot



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Horwitz ratio (HORRAT)

$$HORRAT = \frac{RSD_{\text{Actual}}}{RSD_{\text{Horwitz}}}$$

- HORRAT is used for evaluating whether an ILC has been successful or not
- Evaluation:
 - HORRAT < 2: OK***
 - HORRAT > 2: Problems***
- Possible problems:
 - Samples too different or unstable
 - Laboratories very inexperienced
 - Procedures used by laboratories are not suitable

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