

# Matrix robustness

# Robustness

- Robustness – influence of variations of method parameters on results
- Also robustness in terms of variability of sample matrix
  - different matrices can lead to different matrix effects

# Matrix robustness

- Robustness of the sample matrix is beneficial to consider and it is beneficial to distinguish it from the selectivity
- Influences:
  - selectivity
  - recovery (trueness)
  - ionization suppression/enhancement
  - limit of detection
  - limit of quantification