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Title: Rapid discrimination and determination of antibiotics drugs in plastic syringes using near infrared spectroscopy with chemometric analysis: Application to amoxicillin and penicillin

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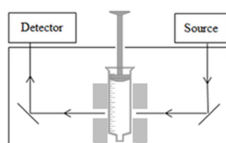
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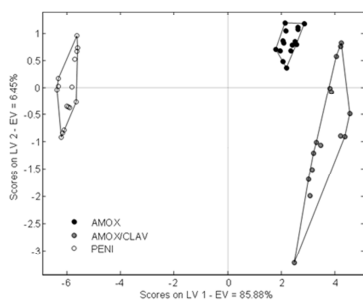
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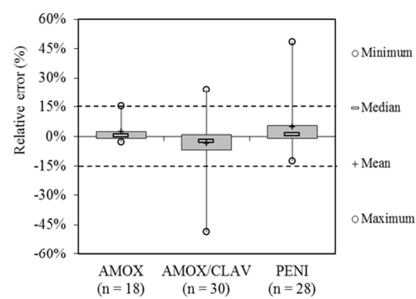


- Analytical control of active drugs directly in syringe before administration
- Non invasive and non destructive analysis by Near Infrared Spectroscopy
- 3 antibiotics at therapeutical concentration
- Benzylpenicillin (PENI), amoxicillin (AMOX) and AMOX/clavulanic acid (AMOX/CLAV)

1) Discriminant analysis of concentrated solution



2) Syringe analysis (Concentration > LLOQ)



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