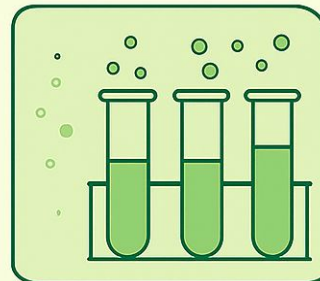
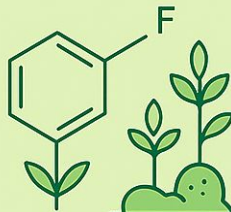


Assessment of PFAS Contamination in Selected Consumable Liquids: Method Validation and Application to Market Samples

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Introduction

Per- and poly-fluorinated alkyl substances (PFAS) are fluorinated chemicals also known as eternity/ forever chemicals that are hard to degrade, extreme and can be found everywhere, in everything that grows and lives, in animals, people, plants, and insects.



Methods

Samples Used: Consumable Liquids
Sample Preparation: Solid phase extraction
Instrumental Analysis: Ultra Performance Liquid Chromatography
Quality Control /Assurance



Discussion

Sample Pretreatment
Column with improved selectivity
Further Clean up
Method Application
Data comparison

Results

Poor recovery/ Contamination
Method Validation

Conclusion

Method is effective for
PFAS Analysis in Liquids

