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Study of the presence of micro- and nanoparticles in drinks and foods by multiple analytical techniques

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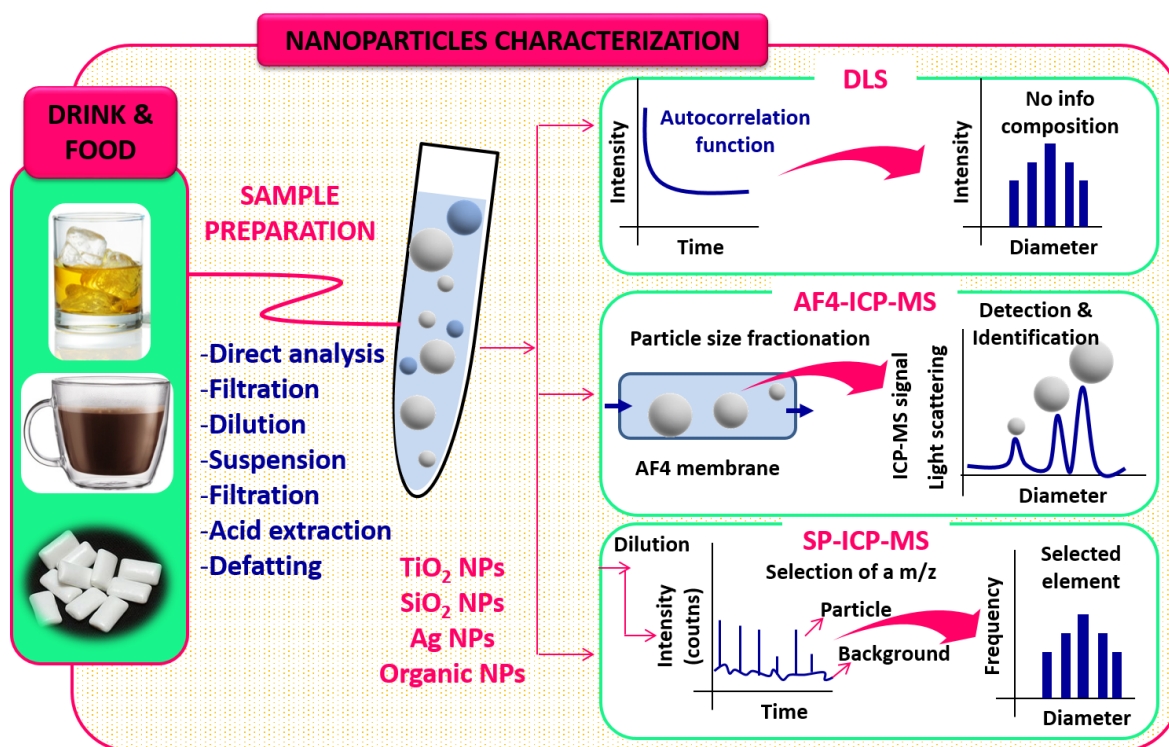
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## Highlights

- DLS and SP-ICP-MS were more suitable for routine and regulatory analysis of particles in foods.
- AF4-MALLS-ICP-MS allowed simultaneous fractionation and metal identification of particles.
- DLS showed the presence of particles of 100-300 nm in a wide variety of drinks.
- Ti-containing particles of 80-200 nm were found in two brands of chewing gums.
- Ag NPs were detected in silver pearls and Si-containing particles in cappuccino and chocolate.

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