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Microwave-assisted preparation of boron acid modified expanded graphite for the determination of chloramphenicol in egg samples

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Highlights

- Expanded graphite intercalated with H₂SO₄ and H₃BO₃ was first prepared.
- The preparation can be completed in one-step by microwave-assisted method.
- The B-EG exhibits worm-like and lamellar structure with small dispersed particles.
- The built SPE-LC-MS/MS method based on B-EG was used to detect CAP in egg samples.

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