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**Development and validation of analytical methodology by GC-FID using hexadecyl propanoate as an internal standard to determine the bovine tallow methyl esters content**

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## Highlights

- Analytical method to determination BTME content using hexadecyl propanoate as IS.
- Validation parameters provide good results to determination of methyl esters content.
- The time of the chromatographic analysis was reduced, simplified and of a lower cost.

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