

Publication List

Woollard, D.C.; Indyk, H.E.; Gill, B.D. (2019) Significance of previtamin D chromatographic resolution in the accurate determination of vitamin D₃ by HPLC-UV *Journal of Food Composition and Analysis* 79, 1–4.

Gill, B.D.; Gilliland, D.L.; Indyk, H.E. Wood, J.E.; Woollard, D.C. (2019) Significance of thermal isomerisation on the quantitation of total vitamin D₃ in foods. *Food Analytical Methods* 12, 998–1006.

Gill, B.D., Saldo, S., Wood, J.E., & Indyk, H.E. (2018) A Rapid Method for the Determination of Biotin and Folic Acid in Liquid Milk, Milk Powders, Infant Formula, and Milk-based Nutritional Products by Liquid Chromatography-Tandem Mass Spectrometry. *Journal of AOAC International* 101, 1578–1583.

Gill, B.D.; Indyk, H.E. (2018) Analysis of vitamin D₂ and vitamin D₃ in infant and adult nutritional formulas by liquid chromatography-tandem mass spectrometry: A multi-laboratory testing study. *Journal of AOAC International* 101, 256–263.

Indyk, H.E.; Hart, S.; Meerkerk, T.; Gill, B.D.; Woollard, D.C. (2017) The β -lactoglobulin content of bovine milk: Development and application of a biosensor immunoassay. *International Dairy Journal* 73, 68–73.

Gill, B.D.; Abernethy, G.A.; Green, R.J.; Indyk, H.E. (2016) Analysis of vitamin D₂ and vitamin D₃ in fortified milk powders and infant and nutritional formulas by liquid chromatography-tandem mass spectrometry: Official First Action Method 2016.05. *Journal of AOAC International* 100, 298–302.

Gill, B.D.; Zhu, X.; Indyk, H.E. (2016) The determination of vitamin D₃ and 25-hydroxyvitamin D₃ in early lactation and seasonal bovine milk. *International Dairy Journal* 63, 29–34.

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Gill, B.D.; Indyk, H.E. (2015) Analysis of nucleotide 5'-monophosphates in infant formulas by HPLC–UV: Collaborative study. *Journal of AOAC International* 98, 971–979.

Gill, B.D.; Zhu, X.; Indyk, H.E. (2015) A rapid method for the determination of vitamin D₃ in milk and infant formula by liquid chromatography-mass spectrometry. *Journal of AOAC International* 98, 431–435.

Indyk, H.E.; Gill, B.D.; Woollard, D.C. (2015) An optical biosensor-based immunoassay for the determination of bovine serum albumin in milk and milk products. *International Dairy Journal* 47, 72–78.

Gill, B.D.; Indyk, H.E.; Blake, C.J.; Konings, E.J.M.; Jacobs, W.A.; Sullivan, D. (2015) Evaluation protocol for the review of method validation data by the AOAC Stakeholder Panel on Infant Formula and Adult Nutritionals Expert Review Panel. *Journal of AOAC International* 98, 112–115.

Indyk, H.E.; Gill, B.D.; Broughton, J.M.; Woollard, D.C. (2014) Application of an LC-UV method to estimate lutein recovery during infant formula manufacture. *International Dairy Journal* 38, 82–86.

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Gill, B.D.; Indyk, H.E.; Manley-Harris, M. (2012) Determination of total potentially available nucleosides in bovine, caprine, and ovine milk. *International Dairy Journal* 24, 40–43.

Gill, B.D.; Indyk, H.E.; Kumar, M.C.; Sievwright, N.K.; Manley-Harris, M.; Dowell, D. (2012) Analysis of 5'-mononucleotides in Infant Formula and Adult/Pediatric Nutritional Formula by Liquid Chromatography: First Action 2011.20. *Journal of AOAC International* 95, 599–602.

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Gill, B.D.; Indyk, H.E. (2008) Liquid chromatographic method for the determination of lutein in milk and pediatric formulas. *International Dairy Journal* 18, 894–898.

Gill, B.D.; Indyk, H.E. (2007) Determination of nucleotides and nucleosides in milks and pediatric formulas: a review. *Journal of AOAC International* 90, 1354–1364.

Gill, B.D.; Indyk, H.E. (2007) Development and application of a liquid chromatographic method for analysis of nucleotides and nucleosides in milk and infant formulas. *International Dairy Journal* 17, 596–605.

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