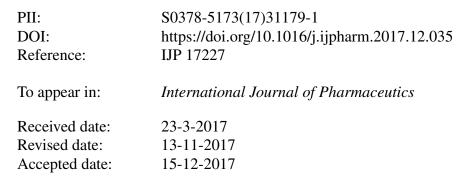
Accepted Manuscript

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Please cite this article as: Blenke EO, Evers MJW, Baumann V, Winkler J, Storm G, Mastrobattista E, Critical evaluation of quantification methods for oligonucleotides formulated in lipid nanoparticles, *International Journal of Pharmaceutics* (2010), https://doi.org/10.1016/j.ijpharm.2017.12.035

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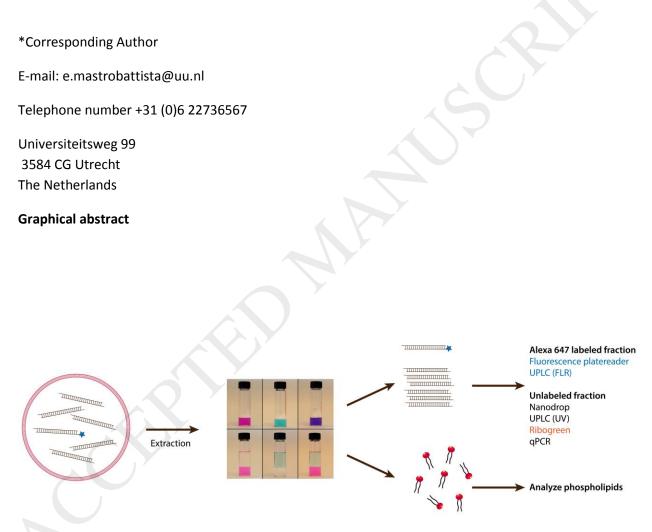
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Critical evaluation of quantification methods for oligonucleotides formulated in lipid nanoparticles

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Abstract

There is a very large variety in the types of nanoparticulate lipid formulations for oligonucleotides, and remarkably, also a very large heterogeneity in the methods that are used for analyzing oligonucleotide load, encapsulation efficiency and oligonucleotide release. Furthermore, a literature survey showed that the extent to which these procedures are reported in scientific literature varies greatly, with some of them not even reporting any quantification at all. This greatly hampers the reproducibility of

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