

Accepted Manuscript

Title: Forensic investigation in the pharmaceutical industry: identification procedure of visible particles in (drug) solutions and different containers by combining vibrational and X-ray spectroscopic techniques

Authors: Florine Hindelang, Dr. Yves Roggo, Raphaël Zurbach

PII: S0731-7085(17)30618-0
DOI: <https://doi.org/10.1016/j.jpba.2017.10.015>
Reference: PBA 11546

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 10-3-2017
Revised date: 13-10-2017
Accepted date: 14-10-2017

Please cite this article as: Florine Hindelang, Dr. Yves Roggo, Raphaël Zurbach, Forensic investigation in the pharmaceutical industry: identification procedure of visible particles in (drug) solutions and different containers by combining vibrational and X-ray spectroscopic techniques, *Journal of Pharmaceutical and Biomedical Analysis* <https://doi.org/10.1016/j.jpba.2017.10.015>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



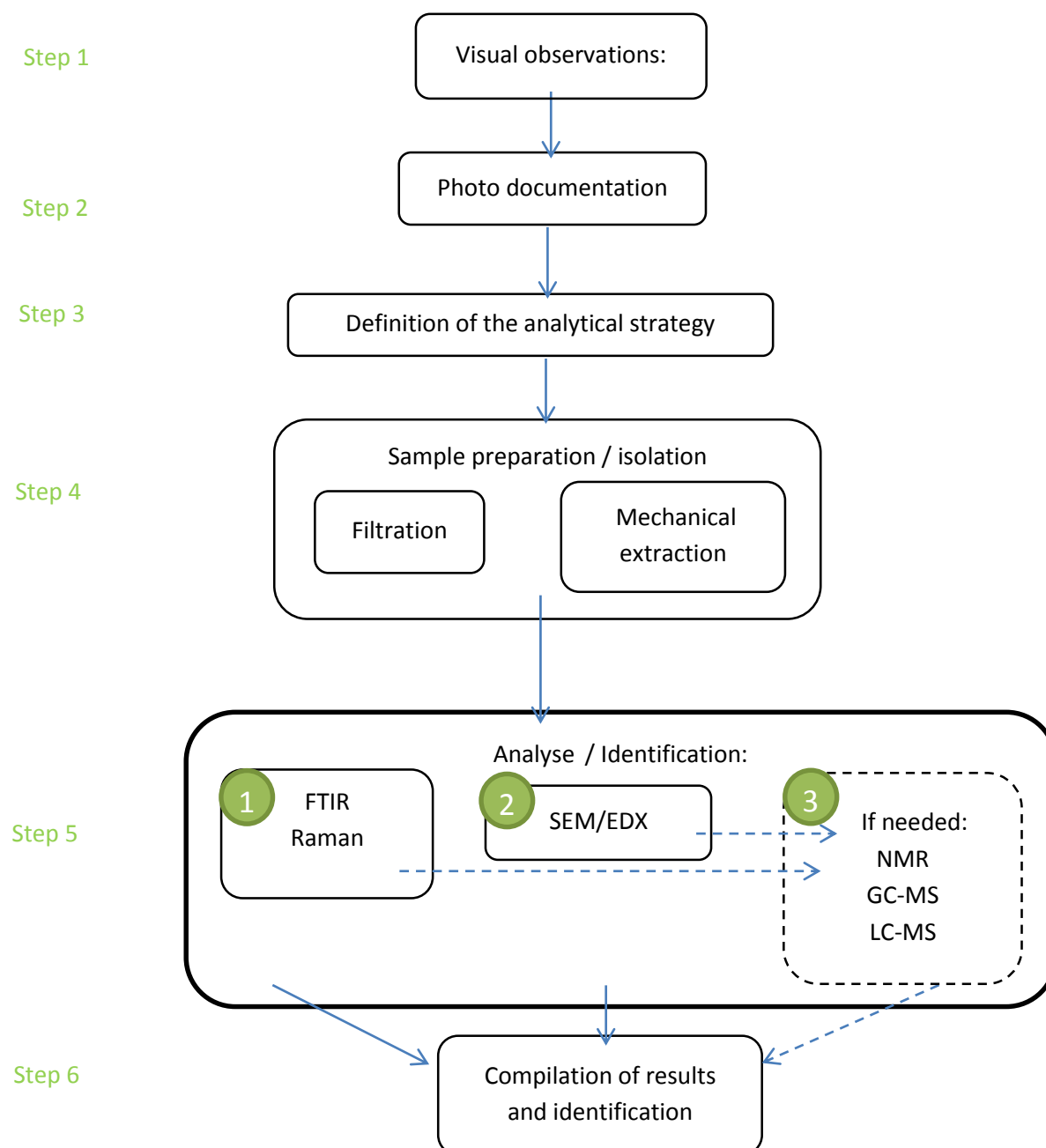
Forensic investigation in the pharmaceutical industry: identification procedure of visible particles in (drug) solutions and different containers by combining vibrational and X-ray spectroscopic techniques

Florine Hindelang , Dr. Yves Roggo , Raphaël Zurbach,

Complaint and counterfeit Group, Quality Control for Commercial Bulk Products, F. Hoffmann-La Roche Ltd, Wurmisweg, 4303, Kaiseraugst, Switzerland
 florine.hindelang@roche.com
 y_roggo@hotmail.com
 raphael.zurbach@roche.com

Corresponding author: Florine Hindelang, F. Hoffmann-La Roche Ltd, Wurmisweg Building 250, 4303, Kaiseraugst, Switzerland, Tel: +41 (0) 61 68 70 172, E-Mail: florine.hindelang@roche .com

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7627567>

Download Persian Version:

<https://daneshyari.com/article/7627567>

[Daneshyari.com](https://daneshyari.com)