

Accepted Manuscript

Title: The Effect of Solvent Grade on Thin Layer Chromatographic Analysis of Writing Inks

Author: Julia Barker Robert Ramotowski Jennie Nwokoye



PII: S0379-0738(16)30203-1
DOI: <http://dx.doi.org/doi:10.1016/j.forsciint.2016.05.003>
Reference: FSI 8455

To appear in: *FSI*

Received date: 23-12-2015
Revised date: 15-4-2016
Accepted date: 3-5-2016

Please cite this article as: J. Barker, R. Ramotowski, J. Nwokoye, The Effect of Solvent Grade on Thin Layer Chromatographic Analysis of Writing Inks, *Forensic Science International* (2016), <http://dx.doi.org/10.1016/j.forsciint.2016.05.003>

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.

Highlights

- A total of 50 blue and black inks were analyzed using thin layer chromatography.
- Two solvent systems consisting of three different solvents were evaluated.
- A total of 24 different combinations for each solvent system were compared.
- The grades and manufacturers of solvents in solvent system I and solvent system II must be consistent.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/6551547>

Download Persian Version:

<https://daneshyari.com/article/6551547>

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